

## Equipment meeting eligibility requirements for DEWA Distributed Renewable Resources Generation programme (Shams Dubai)

Non exhaustive list of eligible equipment based on manufacturers' submissions reviewed by DEWA as of below date. Any other equipment meeting the eligibility requirement will be accepted by DEWA in design phase, provided that proof of compliance will be provided.

### DISCLAIMER FOR CUSTOMERS

Please note that the information presented in this document provides an overview of the manufacturers and equipment that meet the required standards based on type-test certification. However, this does not constitute an endorsement or warranty of any kind, whether expressed, implied or statutory, including but not limited to warranties of title, merchantability, satisfactory quality, fitness for particular purpose, warranty for performance, professional advice, professional financial guidance, and shall not be relied upon as the only source of information for purchasing, contracting, investment decisions or for executing other binding agreements.

Last updated	Friday, 1 April 2022		
PV MODULES			
Manufacturer name	Product ID	Description	
Aleo Solar GmbH	S18JXXX	250-255W (in steps of 5) Poly crystalline Si	
	S19LXXX	280-300W (in steps of 5) Mono crystalline Si	
	S19JXXX	265-275W (in steps of 5) Mono crystalline Si	
	P18JXXX	250-260W (in steps of 5) Poly crystalline Si	
	P19XXX	280-295W (in steps of 5) Poly crystalline Si	
	P19LXXX	290-300 W (in steps of 5) Mono crystalline Si	
	P19JXXX	290 -300 W (in steps of 5) Mono crystalline Si	
	S19LXXX	300-310 W (in steps of 5) Mono crystalline Si	
	X59LXXX	300-310 W (in steps of 5) Mono crystalline Si	
	X79LXXX	300-310 W (in steps of 5) Mono crystalline Si	
	Almaden MENA FZE	SEAM18W - xxx	sc-Si, xxx= 70 - 85 (in step of 5 )
SEAM18T - xxx		sc-Si, xxx= 70 - 85 (in step of 5 )	
SEAM36W - xxx		sc-Si, xxx= 145 - 175 (in step of 5 )	
SEAM36T - xxx		sc-Si, xxx= 145 - 175 (in step of 5 )	
SEAM40W - xxx		sc-Si, xxx= 155 - 195 (in step of 5 )	
SEAM40T - xxx		sc-Si, xxx= 155 - 195 (in step of 5 )	
SEAM42W - xxx		sc-Si, xxx= 155 - 205 (in step of 5 )	
SEAM42T - xxx		sc-Si, xxx= 155 - 205 (in step of 5 )	
SEAM48W - xxx		sc-Si, xxx= 180 - 230 (in step of 5 )	
SEAM48T - xxx		sc-Si, xxx= 180 - 230 (in step of 5 )	
SEAM50W - xxx		sc-Si, xxx= 200 - 240 (in step of 5 )	
SEAM50T - xxx		sc-Si, xxx= 200 - 240 (in step of 5 )	
SEAM54W - xxx		sc-Si, xxx= 205 - 260 (in step of 5 )	
SEAM54T - xxx		sc-Si, xxx= 205 - 260 (in step of 5 )	
SEAM60W - xxx		sc-Si, xxx= 225 - 290 (in step of 5 )	
SEAM60T - xxx		sc-Si, xxx= 225 - 290 (in step of 5 )	
SEAM66W - xxx		sc-Si, xxx= 250 - 320 (in step of 5 )	
SEAM66T - xxx		sc-Si, xxx= 250 - 320 (in step of 5 )	
SEAM72W - xxx		sc-Si, xxx= 275 - 350 (in step of 5 )	
SEAM72T - xxx		sc-Si, xxx= 275 - 350 (in step of 5 )	
SEAP 18W - xxx		mc-Si, xxx= 70 - 85 (in step of 5 )	
SEAP 18T - xxx		mc-Si, xxx= 70 - 85 (in step of 5 )	
SEAP 36W - xxx		mc-Si, xxx= 145 - 170 (in step of 5 )	
SEAP 36T - xxx		mc-Si, xxx= 145 - 170 (in step of 5 )	
SEAP 40W - xxx		mc-Si, xxx= 155 - 185 (in step of 5 )	
SEAP 40T - xxx		mc-Si, xxx= 155 - 185 (in step of 5 )	
SEAP 42W - xxx		mc-Si, xxx= 155 - 195 (in step of 5 )	
SEAC 72W - xxx		sc-Si, xxx= 375 - 390 (in step of 5 )	
SEAC 72T - xxx		sc-Si, xxx= 375 - 390 (in step of 5 )	
SEAC 72B - xxx		sc-Si, xxx= 375 - 390 (in step of 5 )	
SEAC 60W - xxx		sc-Si, xxx= 315 - 330 (in step of 5 )	
SEAC 60T - xxx		sc-Si, xxx= 315 - 330 (in step of 5 )	
SEAC 60B - xxx		sc-Si, xxx= 315 - 330 (in step of 5 )	
SEAC 72W - xxx		sc-Si, xxx= 375 - 395 (in step of 5 )	
SEAC 72T - xxx		sc-Si, xxx= 375 - 395 (in step of 5 )	
SEAC 72B - xxx		sc-Si, xxx= 375 - 395 (in step of 5 )	
SEAC 60W - xxx		sc-Si, xxx= 315 - 330 (in step of 5 )	
SEAC 60T - xxx		sc-Si, xxx= 315 - 330 (in step of 5 )	
SEAC 60B - xxx		sc-Si, xxx= 315 - 330 (in step of 5 )	

PV MODULES		
Manufacturer name	Product ID	Description
	SEAP 42T-xxx	mc-Si, xxx=155 -195 (in step of 5 )
	SEAP 48W-xxx	mc-Si, xxx=175 -225 (in step of 5 )
	SEAP 48T-xxx	mc-Si, xxx=175 -225 (in step of 5 )
	SEAP 50W-xxx	mc-Si, xxx=190 -235 (in step of 5 )
	SEAP 50T-xxx	mc-Si, xxx=190 -235 (in step of 5 )
	SEAP 54W-xxx	mc-Si, xxx=200 -250 (in step of 5 )
	SEAP 54T-xxx	mc-Si, xxx=200 -250 (in step of 5 )
	SEAP 60W-xxx	mc-Si, xxx=220 -280 (in step of 5 )
	SEAP 60T-xxx	mc-Si, xxx=220 -280 (in step of 5 )
	SEAP 66W-xxx	mc-Si, xxx=240 -310 (in step of 5 )
	SEAP 66T-xxx	mc-Si, xxx=240 -310 (in step of 5 )
	SEAP 72W-xxx	mc-Si, xxx=295 -335 (in step of 5 )
	SEAP 72T-xxx	mc-Si, xxx=295 -335 (in step of 5 )
	SEAC 18W -xxx	sc-Si, xxx=90
	SEAC 18T-xxx	sc-Si, xxx=90
	SEAC 30W -xxx	sc-Si, xxx=140 -155 (in step of 5 )
	SEAC 30T-xxx	sc-Si, xxx=140 -155 (in step of 5 )
	SEAC 36W -xxx	sc-Si, xxx=170 -185 (in step of 5 )
	SEAC 36T-xxx	sc-Si, xxx=170 -185 (in step of 5 )
	SEAC 40W -xxx	sc-Si, xxx=185 -205 (in step of 5 )
	SEAC 40T-xxx	sc-Si, xxx=185 -205 (in step of 5 )
	SEAC 42W -xxx	sc-Si, xxx=195 -215 (in step of 5 )
	SEAC 42T-xxx	sc-Si, xxx=195 -215 (in step of 5 )
	SEAC 48W -xxx	sc-Si, xxx=220 -245 (in step of 5 )
	SEAC 48T-xxx	sc-Si, xxx=220 -245 (in step of 5 )
	SEAC 50W -xxx	sc-Si, xxx=230 -255 (in step of 5 )
	SEAB72W/B/T-xxx	sc-Si, xxx=335 W
	SEAB72W/B/T-xxx	sc-Si, xxx=360 W
	SEAB72W/B/T-xxx	sc-Si, xxx=365 W
	SEAB72W/B/T-xxx	sc-Si,xxx370W
	SEAB66W/B/T-xxx	sc-Si,xxx=325W
	SEAB66W/B/T-xxx	sc-Si,xxx=330W
	SEAB66W/B/T-xxx	sc-Si,xxx=340W
	SEAB60W/B/T-xxx	sc-Si,xxx=295W
	SEAB60W/B/T-xxx	sc-Si,xxx=300W
	SEAB60W/B/T-xxx	sc-Si,xxx=305W
	SEAB60W/B/T-xxx	sc-Si,xxx=310W
	SEAB50W/B/T-xxx	sc-Si,xxx=245W
	SEAB50W/B/T-xxx	sc-Si,xxx=250W
	SEAB48W/B/T-xxx	sc-Si,xxx=235W
	SEAB48W/B/T-xxx	sc-Si,xxx=240W
	SEAB42W/B/T-xxx	sc-Si,xxx=210W
	SEAB42W/B/T-xxx	sc-Si,xxx=215W
	SEAB40W/B/T-xxx	sc-Si,xxx=195W
	SEAB40W/B/T-xxx	sc-Si,xxx=200W
	SEAB36W/B/T-xxx	sc-Si,xxx=175W
	SEAB36W/B/T-xxx	sc-Si,xxx=180W
	SEAB18W/B/T-xxx	sc-Si,xxx=90W
	SEAC 50T-xxx	sc-Si, xxx=230 -255 (in step of 5 )
	SEAC 54W -xxx	sc-Si, xxx=245 -275 (in step of 5 )
	SEAC 54T-xxx	sc-Si, xxx=245 -275 (in step of 5 )
	SEAC 60W -xxx	sc-Si, xxx=270 -310 (in step of 5 )
	SEAC 60T-xxx	sc-Si, xxx=270 -310 (in step of 5 )
	SEAC 66W -xxx	sc-Si, xxx=300 -340 (in step of 5 )
	SEAC 66T-xxx	sc-Si, xxx=300 -340 (in step of 5 )
	SEAC 72W-xxx	sc-Si, xxx=325 -370 (in step of 5 )
	SEAC 72T-xxx	sc-Si, xxx=325 -370 (in step of 5 )
	SHBB 144W-xxx	sc-Si, xxx=430 -460 (in step of 5 )
	SHBB 144T-xxx	sc-Si, xxx=430 -460 (in step of 5 )
	SHBB 144B-xxx	sc-Si, xxx=430 -460 (in step of 5 )
	SHBB 120W-xxx	sc-Si, xxx=360 -380 (in step of 5 )
	SHBB 120T-xxx	sc-Si, xxx=360 -380 (in step of 5 )
	SHBB 120B-xxx	sc-Si, xxx=360 -380 (in step of 5 )
	SHAB 144W-xxx	sc-Si, xxx=430 -460 (in step of 5 )

Almaden MENA FZE

PV MODULES		
Manufacturer name	Product ID	Description
Almaden MENA FZE	SHAB 144T-xxx	sc-Si, xxx= 430 - 460 ( in step of 5 )
	SHAB 144B-xxx	sc-Si, xxx= 430 - 460 ( in step of 5 )
	SHAB 120W-xxx	sc-Si, xxx= 360 - 380 ( in step of 5 )
	SHAB 120T-xxx	sc-Si, xxx= 360 - 380 ( in step of 5 )
	SHAB 120B-xxx	sc-Si, xxx= 360 - 380 ( in step of 5 )
Alternative Energy (AE) Solar GmbH.	AExxxM5-36	mono c-Si 90 - 110W, in steps of 5
	AExxxM5-48	mono c-Si 120 - 145W, in steps of 5
	AExxxM5-60	mono c-Si 150 - 180W, in steps of 5
	AExxxM5-72	mono c-Si 180 - 215W, in steps of 5
	AExxxM5-96	mono c-Si 240 - 290W, in steps of 5
	AExxxM6-36	mono c-Si 140 - 165W, in steps of 5
	AExxxM6-48	mono c-Si 185 - 225W, in steps of 5
	AExxxM6-54	mono c-Si 210 - 250W, in steps of 5
	AExxxM6-60	mono c-Si 230 - 280W, in steps of 5
	AExxxM6-72	mono c-Si 280 - 335W, in steps of 5
	AExxxP6-36	Poly-Si 135 - 160W, in steps of 5
	AExxxP6-48	Poly-Si 180 - 215W, in steps of 5
	AExxxP6-54	Poly-Si 205 - 245W, in steps of 5
	AExxxP6-60	Poly-Si 225 - 270W, in steps of 5
AExxxP6-72	Poly-Si 270 - 325W, in steps of 5	
Azimut	AZM606/xxxP	210-275, in step of 5 Polycrystalline
	AZM666/xxxP	245-300, in step of 5 Polycrystalline
AVANCIS GmbH	PowerMax 3.5	CIGS (130 - 145, in step of 5W)
Anhui Schutten Solar Energy Co.Ltd	STP6-XXX/72	sc-Si, mc-Si 245-300W, in steps of 5
	STP6-XXX/60	sc-Si, mc-Si 205-250W, in steps of 5
	STP6-XXX/54	sc-Si, mc-Si 185-225W, in steps of 5
	STP6-XXX/48	sc-Si, mc-Si 165-200W, in steps of 5
	STP6-XXX/36	sc-Si, mc-Si 125-150W, in steps of 5
	STM6-XXX/72	sc-Si, mc-Si 245-300W, in steps of 5
	STM6-XXX/60	sc-Si, mc-Si 205-250W, in steps of 5
	STM6-XXX/54	sc-Si, mc-Si 185-225W, in steps of 5
	STM6-XXX/48	sc-Si, mc-Si 165-200W, in steps of 5
	STM6-XXX/36	sc-Si, mc-Si 125-150W, in steps of 5
	Aplicaciones Tecnicas De La Energia S.L. (Atersa)	A-255P
A-260P		Poly crystalline 260W
A-305P		Poly crystalline 305W
A-310P		Poly crystalline 310W
A-315P		Poly crystalline 315W
A-255M		Mono crystalline 255W
A-260M		Mono crystalline 260W
A-265M		Mono crystalline 265W
A-305M		Mono crystalline 305W
A-310M		Mono crystalline 310W
A-315M	Mono crystalline 315W	
Axitec Energy GmbH & CO, KG	AC-260P/156-60S	Poly crystalline 260W
	AC-275M/156-60S	Mono crystalline 275W
	AC-310P/156-72S	Poly crystalline 310W
AUO TECHNOLOGY/ BENQ.SOLAR	PM096Bxxx-XXX	mc-si 320-335 W, in step of 5
BYD	BYD P6C-36	255-315 W sc-Si Poly crystalline
	BYD P6C-30	255-315 W sc-Si Poly crystalline
	BYD 340W P6C-36	MC-Si 340W/ 265-340W
	BYD P6C-30	255-315 W sc-Si Poly crystalline
BHEL	L20220P	Poly crystalline, ( 215-265 Wp ), in step of 1
	L24270P	Poly crystalline, (260 - 320 Wp), in step of 1
Calyxo GmbH	CX3-70	CdTe 70W
	CX3-72	CdTe 72W
	CX1	70W-80W
	CX3	72W-87W
	Cx3pro	72W-90W
	Cxpro/2	80W-90W

PV MODULES		
Manufacturer name	Product ID	Description
Canadian Solar	CS6P250P	Poly crystalline-Si 250W
	CS6P255P	Poly crystalline-Si 255W
	CS6P260P	Poly crystalline-Si 260W
	CS6P260M	Monocrystalline silicon 260W
	CS6P265M	Monocrystalline silicon 265W
	CS6P270M	Monocrystalline silicon 270W
	CS6X305P	Poly crystalline-Si 305W
	CS6X310P	Poly crystalline-Si 310W
	CS6X315P	Poly crystalline-Si 315W
	CS6K-xxxP-FG	Poly crystalline-, xxx=260-275, in step of 5
	CS6X-xxxP-FG	Poly crystalline-, xxx= 315-330, in step of 5
	CS6K-XXX-MS	Mono-crystalline Silicon, xxx=290-300 W, in step of 5
	CS3K-xxxMS	Mono-crystalline Silicon, xxx=300-315W in step of 5
	CS3K-xxxP	Poly-crystalline Silicon, xxx=275-290W in step of 5
	CS3K-xxxP	Poly-crystalline Silicon, xxx=285-300W, in step of 5
	CS3U-xxxMS	Mono-crystalline Silicon, xxx= 360-400W, in step of 5
	CS3U-xxxP	Poly-crystalline Silicon, xxx= 330-345W, in step of 5
	CS3U-xxxP	Poly-crystalline Silicon, xxx= 345-360W, in step of 5
	CS6K-xxxM	Mono-crystalline Silicon, xxx= 275-290W, in step of 5
	CS6U-xxxM	Mono-crystalline Silicon, xxx= 330-345W, in step of 5
	CS6X-xxxP	Poly-crystalline Silicon, xxx= 310-325, in step of 5
	CS6U-xxxP	Poly-crystalline Silicon, xxx= 325-340W, in step of 5
	CS6K-XXX-P	Poly-crystalline Silicon, xxx= 265-275W, in step of 5
	CS3U-xxxPB-FG	Poly-crystalline Silicon, xxx=350-360 Wp in step of 5
	CS3U-xxxMB-FG	Mono-crystalline Silicon, xxx=360-375 Wp in step of 5
	CS3W-xxxMS	Mono-crystalline Silicon, xxx=425-450 W, in step of 5
	CS3W-xxxP	Poly-crystalline Silicon, xxx=390-415 Wp in step of 5
	CS3K-320MS	Mono-crystalline Silicon, 320 Wp
	CS3U-xxxP	Poly-crystalline Silicon, xxx=365-385 Wp in step of 5
	CS6K-xxxMS	Mono-crystalline Silicon, xxx=305-310 Wp in step of 5
	CS6U-xxxP	Poly-crystalline Silicon, xxx=350-355 Wp in step of 5
	CS3U-xxxP-FG	Poly-crystalline Silicon, xxx=335-370 Wp in step of 5
	CS3W-xxxMB-AG	mono-crystalline,xxx=420-445W, in step of 5
	CS3W-xxxP	poly-crystalline,xxx=420-450W, in step of 5
	CS3W-xxxMS	mono-crystalline,xxx=455-460W, in step of 5
	CS3Y-XXXMS	mono-crystalline,xxx=475-500W. In step of 5
	CS3Y-xxxMB-AG	mono-crystalline,xxx=465-490W, in step of 5
	CS6W-xxxMS	mono-crystalline,xxx=525-550W, in step of 5
	CS7L-xxxMS	mono-crystalline,xxx=xxx=580-605W, in step of 5
	CS7N-xxxMS	mono-crystalline,xxx=xxx=640-665W, in step of 5
	CS3W-xxxMB-AG	Mono-crystalline Silicon,xxx=450-460W, in step of 5
CS7L-xxxMS-R	Mono-crystalline Silicon,xxx=580-610W, in step of 5	
Caterpillar	PVT110	CdTe 110W
	PVT115	CdTe 115W
	PVT117	CdTe 117W
Chinaland Solar energy Co.Ltd.	CHN250 - 60P	sc-Si 250 W
	CHN260 - 60P	sc-Si 260 W
	CHN300 - 72P	sc-Si 300 W
	CHN310 - 72P	sc-Si 310 W
	CHNXXX-72P	Poly crystalline 315-335, in step of 5W
	CHNXXX-60P	Poly crystalline 265-280, in step of 5W
	CHNXXX-72M	Mono crystalline 330-350, in step of 5W
	CHNXXX-60M	Mono crystalline 275-290, in step of 5W
	CHSM6612P-XXX	mc-Si 315, 320 W
	CHSM6612P-XXX	PC-Si 315-320-325-330-335-340 W
CHSM6612P-xxx	mc-Si, 310-375W, in step of 5	
CHSM6610P-xxx	mc-Si, 260-310W, in step of 5	
CHSM6612P/(BL)-xxx	mc-Si, 310-375W, in step of 5	
CHSM6610P/(BL)-xxx	mc-Si, 260-310W, in step of 5	
CHSM6612M-xxx	sc-Si, 330-390W, in step of 5	
CHSM6610M-xxx	sc-Si, 275-325W, in step of 5	
CHSM6612M/(BL)-xxx	sc-Si, 330-390W, in step of 5	
CHSM6610M/(BL)-xxx	sc-Si, 275-325W, in step of 5	
CHSM72M (DG) /F-BH	sc-si, 440W-445W, in step of 5W	
CHSM72M-HC	sc-si, 445-450W, in step of 5W	
CHSM72M-HC-XXX	mono-si,xxx=330-455, in step of 5W	
CHSM60M-HC-XXX	mono-si,xxx=275-380, in step of 5W	

Chint Solar (Zhejiang) Co., Ltd

CHMS6612M/HV-XX  
CHSM6610M-XXX  
CHSM6612P-XXX  
CHSM6610P-XXX  
CHSM6612P/HV-XXX  
CHSM6610P/HV-XXX  
CHSM60P-HC-XXX  
CHSM72M(DG)-BH-XXX  
CHSM72M(DG)/F-BH-XXX  
CHSM72M(DGT)-BH-XXX

mono-si,xxx=330-390, in step of 5W  
mono-si,xxx=275-335, in step of 5W  
mono-si,xxx=310-390, in step of 5W  
mono-si,xxx=260-310, in step of 5W  
mono-si,xxx=310-375, in step of 5W  
mono-si,xxx=260-310, in step of 5W  
mono-si,xxx=260-335, in step of 5W  
mono-si,xxx=365-455, in step of 5W  
mono-si,xxx=365-455, in step of 5W  
mono-si,xxx=355-445, in step of 5W

	CHSM72M(DGT)/F-BH-XXX CHSM60M(DG)/F-BH-XXX CHSM60M(DGT)/F-BH-XXX CHSM72M(DG)/F-BH CHSM72M-HC CHSM72M(DG)/F-BH CHSM72M-HC CHSM66M(DG)/F-BH CHSM66M-HC	mono-si,xxx=355-445 , in step of 5W mono-Si ,xxx=305-380 w, in step of 5W mono-si,xxx=295-370 , in step of 5W sc-si,xxx=535-540W , in step if 5W sc-si, xxx=540-555 in step of 5W Sc-Si xxx=535-540W, in step of 5W Sc-Si xxx=530-550W, in step of 5W Sc-Si xxx=645-660W, in step of 5W Sc-Si xxx=650-665W, in step of 5W
Changzhou EGing Photovoltaic Technology Co., Ltd.	EG-xxxM60-C EG-xxxM72-C EG-xxxP60-c EG-xxxP72-c	Mono-crystalline Silicon 200-320W Mono-crystalline Silicon 240-385W Poly-crystalline Silicon 200-290W Poly-crystalline silicicn 235-350W
CW Enerji	CWTXXX-72P CWTXXX-60P CWTXXX-72PM CWTXXX-60PM	Poly Crystalline, xxx=305-335W, in step of 5 Poly Crystalline, xxx=260-280W, in step of 5 Mono Crystalline (PERC), xxx=265-385W, in step of 5 Mono Crystalline (PERC), xxx=220-320W, in step of 5
RECOM AG	RCM-xxx-6MB RCM-xxx-6PB RCM-xxx-6PB RCM-xxx-6PB-c-de-f RCM-xxx-6PA-SW RCM-xxx-6PA-SW RCM-xxx-6PA-SW	MONO-Si 250-280W Poly-Si 240-260W sc-Si 240-280W sc-Si 240-280 290 to 305 W , in step of 5 310 to 340 W, in step of 5 345 to 350 W, in step of 5

PV MODULES		
Manufacturer name	Product ID	Description
duSol	DS60250W	Mc-Si 250W
	DS72300W	Mc-Si 300W
	DS60270W	MC-Si 270W
	DS60260W	Mc-Si 260W
	DS72200W	Mc-Si 200W
	DS72225W	Mc-Si 225W
	DS72175W	Mc-Si 175W
	DS36150W	MC-Si 150W
	DS36100W	Mc-Si 100W
	DS36125W	Mc-Si 125W
	DS3675W	Mc-Si 75W
	DS3650w	Mc-Si 50W
	DS3640w	Mc-si 40w
	DS572xxxM	sc-si,xxx=311W
	DS572xxxM	sc-si,xxx=315-380W, in step of 5W
	DS560xxxM	sc-si,xxx=260-315W, in step of 5W
	DS536xxxM	sc-si,xxx=155-190W, in step of 5W
DS572xxx	sc-si,xxx=293, 295-355,358W, in step of 5W	
DS560xxx	sc-si,xxx=245-295W, in step of 5W	
DS536xxx	sc-si,xxx=179W	
DS536xxx	sc-si,xxx=150-175W, I step of 5W	
DCH Energy GmBH	DCH-6BM1/60	Sc-Si,xxx=300-325W (in step of 5 )
	DCH-6BM1/72	Sc-Si,xxx=360-390W (in step of 5 )
	DCH-6M/60	Sc-Si,xxx=270-295W (in step of 5 )
	DCH-6M1/60	Sc-Si,xxx=290-315W (in step of 5 )
	DCH-6M1/72	Sc-Si,xxx=345-380W (in step of 5 )
	DCH-6P/60	Sc-Si,xxx=260-285W (in step of 5 )
	DCH-6P/72	Sc-Si,xxx=310-345W (in step of 5 )
	DCH-H6BM1/60	Sc-Si,xxx=310-330W (in step of 5 )
	DCH-H6BM1/72	Sc-Si,xxx=370-395W (in step of 5 )
	DCH-H6M1/60	Sc-Si,xxx=295-320W (in step of 5 )
DCH-H6M1/72	Sc-Si,xxx=350-385W (in step of 5 )	
Desert Technologies Factory CISC	DTMPxxx-60/5BB.BLK	sc-si,xxx=285-295W, in step of 5W
ECONESS ENERGY	EN156-M-60-265	Mono crysalline 265W
	EN156-M-72-315	Mono crysalline 315W
	EN156-P-60-250	Poly crystaline 250W
	EN156M-60-XXX	SC-Si,215W-280W ( in step of 5 )
	EN156M-72-XXX	SC-Si,260W-340W (in step of 5)
	EN156P-60-XXX	MC-Si,210W-280W (in step of 5)
	EN156P-72-XXX	MC-Si,255W-340W (in step of 5)
EN156-P-72-300	Poly crystaline 300W	
Eging Photovoltaic Technology Co.Ltd	EG-xxxP60-C	Sc-Si 200-255W
	EG-xxxP72-C	Sc-Si 245-305W
Einnova Solarline	ES-P672xxxYZ	Sc-Si 250/260/300/310 W
ET solar Industry limited	ET-P660 Series	Poly-Si 250-265W
	ET-P672 Series	Poly-Si 300-315W
	ET-M660 Series	Mono-si 255-270W
	ET-M672 Series	Mono-si 305-320W
EMMVEE Photovoltaic power private Limited	EXXXP72	mc-Si, Mono Perc, xxx=295-335W
	EXXXP60	mc-Si, Mono Perc, xxx=240-280W
	EXXXM72	sc-Si, Mono Perc, xxx=375-395W, in step of 5W
	EXXXM60	sc-Si, Mono Perc, xxx=310-325W, in step of 5W
First Solar	FS-4110-2	Cd-Te 110W
	FS-4107A-2	Cd-Te 107.5W
	FS-4110A-2	Cd-Te 110W
	FS-4112A-2	Cd-Te 112.5W
	FS-4112-2	Cd-Te 112.5W
	FS-4105A-2	Cd-Te 105W
	FS-4107-2	Cd-Te 107.5W
	FS-4102A-2	Cd-Te 102.5W
	FS-4105-2	Cd-Te 105W
	FS-4102-2	Cd-Te 102.5W
	FS-4xxx-3	CdTe 105 - 122.5 W
	FS-4xxxA-3	CdTe 105 - 122.5W
	FS-6xxx	CdTe 420-445 W, in 5W steps
	FS-6xxxA	CdTe 420-445 W, in 5W steps

Futurasun

FUXXM  
FUXXM  
FUXXP  
FUXXP

sc-Si 300-315 Wp  
sc-Si 245-260 W  
mc-Si 240-265 Wp  
mc-Si 295-305 Wp



GCL System Integration Technology Co., Ltd	GCL-P6/72-310 GCL-P6/60-xxx GCL-M6/72HXXX GCL-P6/72HXXX GCL-P6/72-xxx GCL-M6/72GDFxxx	mc-Si 310 W mc-si 260-285W, in step of 5 sc-Si , 365~390W, 0~+5W mc-Si, 335~370W, 0~+5W mc-Si 310-330W, in step of 5 c-Si, 325-390W, in step of 5
General Energy Solutions	7NAC000-06Axxx 7NAC000-06Cxxx 7NAC001-06Axxx 7NAC001-06Cxxx 7NAE001-06Axxx 7NAE001-06Cxxx	mc-Si 215-275W mc-Si 255-330W mc-Si 195-295W mc-Si 235-350W sc-Si 220-300W sc-Si 245-360W
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
Gintung Energy Corp	GTEC-xxxG6S66 GTEC-xxxG6S68 GTEC-xxxG6S69 GTEC-xxxG6S6A GTEC-xxxG6S6B GTEC-xxxG6S GTEC-xxxG6M66 GTEC-xxxG6M68 GTEC-xxxG6M69 GTEC-xxxG6M6A GTEC-xxxG6M6B GTEC-xxxG6M	Sc-Si 140-175W ,in steps of 5 Sc-Si 190-235 W, in steps of 5 Sc-Si 210-265 W, in steps of 5 Sc-Si 230-295 W, in steps of 5 Sc-Si 260-325 W , in steps of 5 Sc-Si 280-355 W, in steps of 5 Mc-Si 140-175 W, in steps of 5 Mc-Si 190 - 235 W, in steps of 5 Mc-Si 210 - 265 W, in steps of 5 Mc-Si 230-295 W, in steps of 5 Mc-Si 260-325 W, in steps of 5 Mc-Si 280-355 W, in steps of 5
GreenBrilliance Energy Pvt. Ltd	GB54P6-XXX GB60P6-XXX GB72P6-XXX	mc-Si 185-225 Wp, in steps of 5 mc-Si 230-250 Wp, in steps of 5 mc-Si 250-300 Wp, in steps of 5
Goldi Solar PVT. LTD	GOLDI032FXXXXPY12 GOLDI036FXXXXPY12 GOLDI048FXXXXPY12 GOLDI054FXXXXPY12 GOLDI060FXXXXPY24 GOLDI066FXXXXPY24 GOLDI072FXXXXPY24 GOLDI060FXXXP24 GOLDI072FXXXP24 GOLDI060FxxxP24 GOLDI072FxxxP24	Sc-Si 140 to 150 Wp, in steps of 5 Sc-Si 155 to 170 Wp, in steps of 5 Sc-Si 210 to 225 Wp, in steps of 5 Sc-Si 235 to 255 Wp, in steps of 5 Sc-Si 260 to 285 Wp, in steps of 5 Sc-Si 290 to 310 Wp, in steps of 5 Sc-Si 315 to 350 Wp, in steps of 5 Monocrystalline, PERC ,310 to 315 Wp, in steps of 5 Monocrystalline, PERC ,380 to 390 Wp, in steps of 5 Monocrystalline-PERC ,xxx=320-325Wp , in steps of 5 Monocrystalline-PERC,xxx=395-400Wp , in steps of 5W
HanwhaSolarOne (Qidong) Co., Ltd	HSL72P6-PC-1-XXX HSL60P6-PC-1-XXX	mc-Si (multicrystalline) 250-270 W, in steps of 5 mc-Si (multicrystalline) 290-310 W, in steps of 5
Hangzhou Sunny Energy Science & Technology	ZDNY-xxxC54 ZDNY-xxxC60 ZDNY-xxxC72 ZDNY-xxxCB54 ZDNY-xxxCB60 ZDNY-xxxCB72 ZNDY-xxxP54 ZNDY-xxxP60 ZNDY-xxxP72	sc-Si 190-250W, in steps of 5 sc-Si 210-275W, in steps of 5 sc-Si 255-330W, in steps of 5 sc-Si 190-235W, in steps of 5 sc-Si 210-260W, in steps of 5 sc-Si 255-310W, in steps of 5 mc-Si 180-250W, in steps of 5 mc-Si 200-275W, in steps of 5 mc-Si 245-330W, in steps of 5
Hollandia Power Solutions Inc.	HPS0xxxP-28 HPS0xxxP-32 HPS0xxxP-36 HPS0xxxP-48	mc-Si 105 W, 110 W mc-Si 120W , 125W mc-Si 140W, 145W mc-Si 160 - 210 W, in steps of 5

Hollandia Power Solutions Inc.	HPS0xxxP-54 HPS0xxxP-60 HPS0xxxP-72 HPS0xxxM-28 HPS0xxxM-32 HPS0xxxM-36 HPS0xxxM-48 HPS0xxxM-54 HPS0xxxM-60 HPS0xxxM-72 HPS0xxxD-16 HPS0xxxD-20 HPS0xxxD-24 HPS0xxxD-28 HPS0xxxD-32 HPS0xxxD-36 HPS0xxxD-40 HPS0xxxD-72 HPS0xxxD-84	mc-Si 180 - 235 W, in steps of 5 mc-Si 200 - 260 W, in steps of 5 mc-Si 240 - 345W, in steps of 5 sc-Si 105 - 125 W, in steps of 5 sc-Si 120 - 145 W, in steps of 5 sc-Si 135 - 160 W, in steps of 5 sc-Si 170 - 215 W, in steps of 5 sc-S 190 - 240 W, in steps of 5 sc-Si 210 - 270 W, in steps of 5 sc-Si 250 - 350 W, in steps of 5 sc-Si 040 - 045 W, in steps of 5 sc-Si 050 - 060 W, in steps of 5 sc-Si 060 - 070 W, in steps of 5 sc-Si 065 - 080 W, in steps of 5 sc-Si 075 - 095 W, in steps of 5 sc-Si 080 - 105 W, in steps of 5 sc-Si 090 - 120 W, in steps of 5 sc-Si 155 - 215 W, in steps of 5 sc-Si 165 - 250 W, in steps of 5
HYUNDAI Heavy Industries (HHI)	HIS-SxxxRG (BK) HIS-SxxxRF (BK) HIS-SxxxRI HIS-MxxxRG (BK) HIE-SxxxUH HIE-SxxxUF HIE-SxxxVI HIE-SxxxVG	Sc-Si 245-285W Sc-Si 225-255W Sc-Si 300-345W Mc-Si 1240-270W Sc-si,xxx=445- 480W , in step of 5W Sc-si,xxx=370- 400W , in step of 5W Sc-si,xxx=460-500W , in step of 5W Sc-si,xxx=385-415W, in step of 5W
HECKERT Solar GmbH (Gilco)	MEMO 60 P255 19 MEMO 60 P260 19 MEMO 60 P265 19 NEMO 60 P270 19 MEMO 60 P275 19	sc-si 255W sc-si 260W sc-si 265W sc-si 270W sc-si 275W
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
HENGDIAN GROUP, DMEGC CO., LTD	DMxxx-M156-72 DMxxx-M156-60 DMxxx-P156-72 DMxxx-P156-60	Monocrystalline Sillion (xxx=320 to 360 in step of 5) Monocrystalline Sillion (xxx=270 to 300 in step of 5) Poly crystalline(xxx=310 to 350 in step of 5) Poly crystalline(xxx=250 to 290 in step of 5)
Hanwha Q.CELLS	Q.PRIME L-G5 Q.PRIME-G5 Q.POWER-G5 Q.PEAK G4 (60 Cells) Q.PEAK L_G4 (72 Cells) Q.PLUS G4 (60 Cells) Q.PLUS L_G4 (72 Cells) Q.PEAK G4 (60 Cells) Q.PEAK L_G4 (72 Cells) Q.PLUS G4 (60 Cells) Q.PEAK G4 (60 Cells) Q.PEAK L_G4 (72 Cells) Q.PLUS G4 (60 Cells) Q.PEAK G4 (60 Cells) Q.PEAK L_G4 (72 Cells) Q.PLUS G4 (60 Cells) Q.PEAK G4 (60 Cells) Q.PEAK L_G4 (72 Cells) Q.PLUS G4 (60 Cells) Q.PEAK L-G5 Q.PEAK L-G5 Q.PEAK-G5.0.G Q.PEAK BLK-G4.1 Q.PEAK BLK-G4.4 Q.PEAK-G4.1 Q.PEAK-G4.2 Q.PEAK-G4.4 Q.PEAK-G4.5 Q.PEAK L-G4.1 Q.PEAK L-G4.2 Q.PEAK L-G4.4 Q.PEAK L-G4.5 Q.PEAK DUO-G5 Q.Peak DUO L G8.3	Mono-Crystalline 335 - 345 (in step of 5 Wp) Mono-Crystalline 280 - 290 (in step of 5) poly-crystalline 265 - 275 (in step of 5) Sc-Si, 300-310 (in step of 5 ) Sc-Si, 345-360 (in step of 5 ) mc-Si, 270-280 ( in step of 5 ) mc-Si, 330-340 (in step of 5 ) Sc-Si, 300-310 ( in step of 5 ) Sc-Si, 345-360 (in step of 5 ) mc-Si, 270-280 ( in step of 5 ) sc-Si,300~310wp (in step of 5wp) sc-Si,345~360wp (in step of 5wp) mc-si,270~280wp (in step of 5wp) mc-si,330~340wp (in step of 5wp) mc-Si, 330-340 ( in step of 5 ) Poly-crystalline 315-330W, in step of 5 Monocrystalline, 355-370 Wp, in step of 5 Monocrystalline, 295-310 Wp, in step of 5 sc-Si, Mono, PERC(Q,ANTUM),290-305Wp, in step of 5 sc-Si, Mono, PERC, 300-310Wp, in step of 5 sc-Si, Mono, PERC(Q,ANTUM), 300-320 Wp, in step of 5 sc-Si, Mono, PERC(Q,ANTUM), 300-310 Wp, in step of 5 sc-Si, Mono, PERC, 295-315 Wp, in step of 5 sc-Si, Mono, PERC, 295-315 Wp, in step of 5 sc-Si, Mono, PERC(Q,ANTUM), 360-370 Wp, in step of 5 sc-Si, Mono, PERC(Q,ANTUM),360-370 Wp, in step of 5 sc-Si, Mono, PERC, 355-375 Wp, in step of 5 sc-Si, Mono, PERC, 355-375 Wp, in step of 5 sc-Si, Mono, PERC(Q,ANTUM), Half-Cell , 315-355 Wp, in step of 5 sc-si, xxx-430 W

Infinty New Energy Co., Ltd	INE-xxx-6PA INE-xxx-6PB INE-xxx-6PC INE-xxx-6PD	Sc-Si(poly), 300 -340 W, in step of5 Sc-Si(poly), 250-280 W , in step of 5 Sc-Si(poly), 225-255 W, in step of 5 Sc-Si(poly), 200-225 W, in step of 5
JA Solar	JAM6-48-XXX/PR JAM6-60/72-XXX/PR JAP6-60/72-XXX/4BB JAM6(L)-60/72-XXX/4BB JAM6-72-XXX/SI JAP6-60/72-XXX/3BB JAP6(K) 60/72 4BB JAP6(K)(DG) 60/72 4BB/1500V JAM6(K)(DG) 60-72 4BB/1500v JAM72D00 - xxx/PR JAM72D00 - xxx/SC JAM60D00 - xxx/PR JAM72D00 - xxx/SC JAM72S01- xxx/SC JAM72S01- xxx/PR JAM6(K)(DG) 60/72/PR/1500 JAM60S01- xxx/SC JAM60S01- xxx/PR JAP72D00- xxx/SC JAP72D00- xxx/SC JAP72S01- xxx/SC JAP72S01- xxx/PR JAP60S01- xxx/SC JAP60S01- xxx/PR JAM72D00-xxx/BP JAP72S01-xxx/SC JAM72D00-xxx/ PR JAM72S01-xxx/ PR JAP60S03-xxx/ SC JAM78S10-xxx/ MR JAM78D10-xxx/ MB	(xxx=220-230) Mc-Si (xxx=285-295/335-350)Mc-Si (xxx=270-275/315-325) Polychristaline - Si (xxx=270-280/320-330)Mc-Si (xxx=285-325W) Mc-Si (xxx=260-275/310-325) Polychristaline-Si (xxx=255-275/305-325) Polychristaline-Si (xxx=255-275/310-325) Polychristaline-Si (xxx=260-285/325-340) Mono crystalline (xxx=330-360) Mono crystalline (xxx=320-340) Mono crystalline (xxx=285-300) Mono crystalline (xxx=265-280) Mono crystalline (xxx=320-340) Mono crystalline (xxx=345-365) Mono crystalline (xxx=270-295/330-350) Mono crystalline (xxx=265-280) Mono crystalline (xxx=285-300) Mono crystalline (xxx=310-330)Poly-crystalline (xxx=260-270)Poly-crystalline (xxx=305-330)Poly-crystalline (xxx=305-345)Poly-crystalline (xxx=255-280)Poly-crystalline (xxx=275-285)Poly-crystalline mono crystalline-Si, 340-390 W in step of 5 poly crystalline-Si, 305-340 W in step of 5 mono crystalline-Si, 330-375 in step of 5 mono crystalline-Si, 325-380 in step of 5 poly crystalline-Si, 270-290 W in step of 5 mono crystalline-Si,445-455W , in step of 5W mono crystalline-Si,440-450W , in step of 5W

PV MODULES		
Manufacturer name	Product ID	Description
JA Solar	JAP72S03-xxx/ SC	poly crystalline-Si, 320-345 W in step of 5
	JAM72D09-xxx/ BP	mono crystalline-Si,370-385W in step of 5
	JAM60D09 -xxx/ BP	mono crystalline-Si,305-320W in step of 5
	JAM60S09-xxx/ PR	mono crystalline-Si,310-325W in step of 5
	JAM60S10-xxx/ PR	mono crystalline-Si,320-330W in step of 5
	JAM72S09-xxx/ PR	mono crystalline-Si,375-390W in step of 5
	JAM72S10-xxx/ PR	mono crystalline-Si,390-400W in step of 5
	JAP60S09-xxx/ SC	poly crystalline-Si,270-280W in step of 5
	JAP60S10-xxx/ SC	poly crystalline-Si,275-290W in step of 5
	JAP72S09-xxx/ SC	poly crystalline-Si,325-340W in step of 5
	JAP72S10-xxx/ SC	poly crystalline-Si,335-350W in step of 5
	JAM72D09-xxx/ BP	mono crystalline-Si,370-385W in step of 5
	JAM60D09-xxx/ BP	mono crystalline-Si,305-320W in step of 5
	JAM60S01-xxx/ PR	mono crystalline-Si, 280-315 W in step of 5
	JAM60D00-xxx/ PR	mono crystalline-Si, 270-315 W in step of 5
	JAM60S03-xxx/ PR	mono crystalline-Si, 295-335 W in step of 5
	JAM72D09-xxx/ BP	mono crystalline-Si, 405 W
	JAM60D09 -xxx/ BP	mono crystalline-Si, 325W-345W in step of 5
	JAM60S09-xxx/ PR	mono crystalline-Si, 390W-420W in step of 5
	JAM60S10-xxx/ PR	mono crystalline-Si, 425W-440W in step of 5
	JAM72S09-xxx/PR	mono crystalline-Si, 345W-380W in step of 5
	JAM72S10-xxx/ PR	mono crystalline-Si, 390W-410W in step of 5
	JAM60S10-xxx/ MR	mono crystalline-Si, 320W-340W in step of 5
	JAM72S10-xxx/ MR	mono crystalline-Si, 390-420W in step of 5
	JAM78S10-xxx/ MR	mono crystalline-Si, 425-440W in step of 5
	JAM66S10-xxx/ MR	mono crystalline-Si, 345-380W in step of 5
	JAM72D10-xxx/ MB	mono crystalline-Si, 390-410W in step of 5
	JAM60D10-xxx/ MB	mono crystalline-Si, 320-340W in step of 5
	JAM6(K)-72-xxx/PR	mono-crystalline 345-360, in step of 5W
	JAM6(K)-72-xxx/PR	mono-crystalline 285-300 in step of 5W
	JAM60D20-xxx/ MB	mono crystalline-Si,xxx=355-385W , in step of 5W
	JAM60S20-xxx/ MR	mono crystalline-Si,xxx=355-385W , in step of 5W
	JAM72D20-xxx/ MB	mono crystalline-Si,xxx=430-465W , in step of 5W
JAM72S20-xxx/ MR	mono crystalline-Si,xxx=430-470W , in step of 5W	
JAM66D30-xxx/MB	mc-si,xxx=465-500W , in step of 5W	
JAM66S30-xxx/MR	mc-si,xxx=470-505W , in step of 5W	
JAM72D30-xxx/MB	mc-si,xxx=505-545W , in step of 5W	
JAM72S30-xxx/MR	mc-si,xxx=510-550W , in step of 5W	

JAKSON Engineers Limited

JP-AXB (A=24; B=270-330)	270-330 Multi c-Si
JP-AXB (A=24; B=240-280)	240-280 Multi c-Si
JP-AXB (A=24; B=200-230)	200-230 Multi c-Si
JP-AXB (A=24; B=175-200)	175-200 Multi c-Si
JP-AXB (A=24; B=150-175)	150-175 Multi c-Si
JP-AXB (A=24; B=120-140)	120-140 Multi c-Si
JP-AXB (A=24; B=100-115)	100-115 Multi c-Si
JP-AXB (A=24; B=220-290)	220-290 Multi c-Si
JP-AXB (A=24; B=200-235)	200-235 Multi c-Si
JP-AXB (A=24; B=165-190)	165-190 Multi c-Si
JP-AXB (A=24; B=145-170)	145-170 Multi c-Si
JP-AXB (A=24; B=125-140)	125-140 Multi c-Si
JP-AXB (A=24; B=100-120)	100-120 Multi c-Si
JP-AXB (A=12; B=270-330)	270-330 Multi c-Si
JP-AXB (A=12; B=240-280)	240-280 Multi c-Si
JP-AXB (A=12; B=200-230)	200-230 Multi c-Si
JP-AXB (A=12; B=175-200)	175-200 Multi c-Si
JP-AXB (A=12; B=150-175)	150-175 Multi c-Si
JP-AXB (A=12; B=120-140)	120-140 Multi c-Si
JP-AXB (A=12; B=100-115)	100-115 Multi c-Si
JP-AXB (A=12; B=200-260)	200-260 Multi c-Si
JP-AXB (A=12; B=180-215)	180-215 Multi c-Si
JP-AXB (A=12; B=130-175)	130-175 Multi c-Si
JP-AXB (A=12; B=120-140)	120-140 Multi c-Si
JP-AXB (A=12; B=100-110)	100-110 Multi c-Si
JP-AXB (A=12; B=90-95)	90-95 Multi c-Si
JP-AXB (A=12; B=80-90)	80-90 Multi c-Si
JP-AXB (A=12; B=74-80)	74-80 Multi c-Si
JP-AXB (A=12; B=60-65)	60-65 Multi c-Si
JP-AXB (A=12; B=50-55)	50-55 Multi c-Si
JP-AXB (A=12; B=37-45)	37-45 Multi c-Si
JP-AXB (A=12; B=24-30)	24-30 Multi c-Si
JP-AXB (A=12; B=18-22)	18-22 Multi c-Si
JP-AXB (A=12; B=13-17)	13-17 Multi c-Si
JP-AXB (A=12; B=10-12)	10-12 Multi c-Si

PV MODULES		
Manufacturer name	Product ID	Description
	JKMxxxPP-60	mc-Si, 210-280 W, in steps of 5 W
	JKMxxxPP-72	mc-Si, 250-335 W, in steps of 5 W
	JKMxxxPP-60-V	mc-Si, 210-280 W, in steps of 5 W
	JKMxxxPP-72-V	mc-Si, 250-340 W, in steps of 5 W
	JKMxxxM-60	sc-Si, 325-340 W, in step of 5 W
	JKMxxxM-60H	sc-Si, 325-340 W, in step of 5 W
	JKMxxxM-72	sc-Si, 375-410 W, in step of 5 W
	JKMxxxM-72H	sc-Si, 380-410 W, in step of 5 W
	JKMxxxM-60-V	sc-Si, 325-340 W, in step of 5 W
	JKMxxxM-60H-V	sc-Si, 325-340 W, in step of 5 W
	JKMxxxM-60H-TV	sc-Si, 325-340 W, in step of 5 W
	JKMxxxM-72-V	sc-Si, 375-415 W, in step of 5 W
	JKMxxxM-72H-V	sc-Si, 375-415 W, in step of 5 W
	JKMxxxM-72H-TV	sc-Si, 375-415 W, in step of 5 W
	JKMxxxM-60-DV	sc-Si, 300-345 W, in step of 5 W
	JKMxxxM-60H-DV	sc-Si, 300-345 W, in step of 5 W
	JKMxxxM-60H-BDVP	sc-Si, 300-335 W, in step of 5 W
	JKMxxxM-72-DV	sc-Si, 375-415 W, in step of 5 W
	JKMxxxM-72H-DV	sc-Si, 375-415 W, in step of 5 W
	JKMxxxM-72H-BDVP	sc-Si, 375-400 W, in step of 5 W

<p>Jinko Solar</p>	<p>JKMxxxM-60-BDVP JKM320-340N-60H-TV JKM390-410N-72H-TV JKMxxxM-72-BDVP JKMxxxM-6RL3-V JKMxxxM-6RL3-TV JKMxxxM-7RL3-V JKMxxxM-7RL3-TV JKMxxxM-66H-V JKMxxxM-66H-TV JKMxxxM-78H-V JKMxxxM-78H-TV JKMxxxM-72H-MBB-BDVP JKMxxxM-60HL4-V JKMxxxM-72HL4-V JKMxxxM-72HL4-TV JKMxxxM-6TL4-V JKMxxxM-7TL4-V JKMxxxM-7TL4-TV JKMxxxM-7RL4-V JKMxxxM-7RL4-tV JKMxxxM-7RL3-BDVP JKMxxxM-72HL4-BDVP JKMxxxM-72HLM-BDVP JKMxxxM-60HLM-V JKMxxxM-72HLM-V JKMxxxM-72HL4-V JKMxxxM-72HLM-V JKMxxxM-72HL4-V JKMxxxN-54HL4-V JKMxxxN-60HL4-V JKMxxxN-66HL4-V JKMxxxN-72HL4-V JKMxxxN-78HL4-V JKMxxxN-54HL4-V JKMxxxN-60HL4-V JKMxxxN-72HL4-V JKMxxxN-78HL4-V JKMxxxN-72HL4-BDV JKMxxxN-78HL4-BDV</p>	<p>sc-Si, 295-315 W, in steps of 5 W sc-Si,320-340 W, in steps of 5 W sc-Si,390-410 W, in step of 5 W sc-Si, 360-380 W, in steps of 5 W sc-Si, 360-395 W, in step of 5 W sc-Si, 360-395 W, in step of 5 W sc-Si, 430-470 W, in step of 5 W sc-Si, 430-470 W, in step of 5 W sc-Si, 340-375 W, in step of 5 W sc-Si, 340-375 W, in step of 5 W sc-Si, 405-445 W, in step of 5 W sc-Si, 405-445 W, in step of 5 W sc-Si,380-415W , in step of 5W sc-Si,xxx=430-450W , in step of 5W sc-Si,xxx=520-540W , in step of 5W sc-Si,xxx=515-535W , in step of 5W sc-Si,xxx=420 - 440 W , in step of 5W sc-Si,xxx=510 - 530 W , in step of 5W sc-Si,xxx=510-530W, in step of 5W sc-Si,xxx=555 - 575 W , in step of 5W sc-Si,xxx=555 - 575 W , , in step of 5W sc-Si,xxx=450-465W , in step of 5W sc-Si,xxx=515 - 535 , in step of 5W sc-si , xxx=415-460 W , in step of 5W cs-si,xxx=355-375W , in step of 5W cs-si,xxx=435-455W , in step of 5W cs-si,xxx=520-50W , in step of 5W cs-si,xxx=435-455W , in step of 5W cs-si,xxx=520-50W , in step of 5W Cs-Si,xxx= 420-430W, in step of 5W Cs-Si,xxx= 465-480W, in step of 5W Cs-Si,xxx= 510-525W, in step of 5W Cs-Si,xxx= 560-575W, in step of 5W Cs-Si,xxx= 570-625W, in step of 5W Cs-Si,xxx= 420-430W, in step fo 5W Cs-Si,xxx= 465-480W, in step fo 5W Cs-Si,xxx= 560-575W, in step fo 5W Cs-Si,xxx= 570-625W, in step fo 5W Cs-Si,xxx=555-565W, in step of 5W Cs-Si,xxx=570-615W, in step of 5W</p>
<p>Jiangsu Aiduo Photovoltaic Technology Co., Ltd.</p>	<p>ADXXX-36P ADXXX-36S ADXXX-48P ADXXX-48S ADXXX-54P ADXXX-54S ADXXX-60P ADXXX-60S ADXXX-72M ADXXX-72P ADXXX-72S ADXXX-72M ADXXX-36S ADXXX-48S ADXXX-54S ADXXX-60S ADXXX-72S ADXXX-36P ADXXX-40P ADXXX-48P ADXXX-54P ADXXX-72P ADXXX-60P</p>	<p>Poly-Crystalline Silicon XXX=130-150W, in step of 5 Mono-Crystalline Silicon XXX=135-155W, in step of 5 Poly-Crystalline Silicon XXX=175-225W, in step of 5 Mono-Crystalline Silicon XXX=180-205W, in step of 5 Poly-Crystalline Silicon XXX=200-225W, in step of 5 Mono-Crystalline Silicon XXX=210-235W, in step of 5 Poly-Crystalline Silicon XXX=255-265W, in step of 5 Mono-Crystalline Silicon XXX=230-260W, in step of 5 Mono-Crystalline Silicon XXX=175-205W, in step of 5 Poly-Crystalline Silicon XXX=270-320W, in step of 5 Mono-Crystalline SiliconXXX=280-320W, in step of 5 Mono-crystalline Silicon XXX=175-205W, in step of 5 Mono-crystalline SiliconXXX=135-175W, in step of 5 Mono-crystalline SiliconXXX=180-235W, in step of 5 Mono-crystalline SiliconXXX=210-265W, in step of 5 Mono-crystalline SiliconXXX=230-295W, in step of 5 Mono-crystalline Silicon XXX=280-355W, in step of 5 Poly-crystalline Silicon XXX=130-170W, in step of 5 Poly-crystalline Silicon XXX=160-185W, in step of 5 Poly-crystalline Silicon XXX=175-225W, in step of 5 Poly-crystalline Silicon XXX=200-255W, in step of 5 Poly-crystalline Silicon XXX=270-340W, in step of 5 Poly-crystalline SiliconXXX=225-280W, in step of 5 sc-si, xxx=350-375W, in step of 5W sc-si, xxx = 440-450W , in step of 5W Sc-si, xxx=440-460W , in step of 5W sc-si, xxx= 530-550W, in step of 5W</p>
<p>Jiangsu Eco Green Energy Co Ltd</p>	<p>EGE-xxxW-120M (M6) EGE-xxxW-144M (M6) EGE-xxxW-120M (M10) EGE-xxxW-144M (M10)</p>	<p>sc-si, xxx=350-375W, in step of 5W sc-si, xxx = 440-450W , in step of 5W Sc-si, xxx=440-460W , in step of 5W sc-si, xxx= 530-550W, in step of 5W</p>
	<p>JNHM72-xxx JNHM60-xxx</p>	<p>HJT xxx = 330-370, in increment of 5 HJT xxx = 275-310, in increment of 5</p>

Jinneng Photovoltaic Technology Ltd

JNMM144-xxx  
JNMM120-xxx  
JNMM144-xxx  
JNMM120-xxx  
JNMP144-xxx  
JNMP120-xxx  
JNBM144-xxx  
JNBM120-xxx  
JNBM144-xxx  
JNBM132-xxx  
JNBM120-xxx  
JNBM108-xxx  
JNBM96-xxx  
JNMM144-xxx  
JNMM132-xxx  
JNMM120-xxx  
JNMM108-xxx  
JNMM96-xxx  
JNHM144-xxx  
JNHM120-xxx

JLS60P250W(156)

sc-si,xxx=425-455, in steps of 5)  
sc-si,xxx=355-375, in steps of 5  
sc-si,xxx=375-410, in steps of 5  
sc-si,xxx=315-340, in steps of 5)  
mc-si,xxx=310-355, in steps of 5  
mc-si,xxx=260-295, in steps of 5  
sc-si,xxx=365-465W , in step of 5W  
sc-si ,xxx=305-385W , in step of 5  
sc-si,xxx=520-545W , in step of 5  
sc-si,xxx=475-500W , in step of 5  
sc-si,xxx=435-455W, in step of 5  
sc-si,xxx=390-405W, in step of 5  
sc-si,xxx=345-360W . In step of 5  
sc-si,xxx=520-545, in steps of 5  
sc-si,xxx=480-495, in steps of 5  
sc-si,xxx=435-450, in steps of  
sc-si,xxx=390-405, in steps of 5  
sc-si,xxx=350-360, in steps of 5  
sc-si,xxx=380-475W , in step of 5W  
sc-si,xxx=315-395W, in step of 5W  
mc-si 250 W

Juli New Energy

PV MODULES			
Manufacturer name	Product ID	Description	
Jyotitech Solar LLP	JTS xxx	mc-si 37W	
	JTS xxx	mc-si 40W	
	JTS xxx	mc-si 50W	
	JTS xxx	mc-si 75W	
	JTS xxx	mc-si 100W	
	JTS xxx	mc-si 150W	
	JTS xxx	mc-si 255W	
	JTS xxx	mc-si 260W	
	JTS xxx	mc-si 200W	
	JTS xxx	mc-si 250W	
	JTS xxx	mc-si 300W	
	JTS xxx	mc-si 305W	
	JTS xxx	mc-si 310W	
	JTS xxx	mc-si 315W	
	JTS xxx	mc-si 320W	
Jollywood(taizhou)solar technology	JW-D72N-XXX	xxx=310-360W, in steps of 5	
	JW-D60N-xxx	xxx=255-300W, in steps of 5	
	JW-T72N-xxx	xxx=310-355W, in steps of 5	
	JW-T60N-xxx	xxx=255-295W, in steps of 5	
	JW-D72-xxx	sc-Si 365-410W, in step of 5	
	JW-D60-xxx	sc-Si 315-340W, in step of 5	
	JW-HD144N-xxx	sc-Si 390-415W, in step of 5	
	JW-HD120N-xxx	sc-Si 325-345W, in step of 5	
	JW-HD144P-xxx	sc-Si 390-415W, in step of 5	
	JW-HD120P-xxx	sc-Si 325-345W, in step of 5	
Jiangyin Shine Science and Technology Co	SSxxx-72S	monocrystalline Silicon, xxx=320-370W in steps of 5	
	SSxxx-72S-V	monocrystalline Silicon, xxx=320-370W in steps of 5	
	SSxxx-60S	monocrystalline Silicon, xxx=265-310W in steps of 5	
	SSxxx-60S-V	monocrystalline Silicon, xxx=265-310W in steps of 5	
	SSxxx-72P	Polycrystalline Silicon, xxx=305-345W in steps of 5	
	SSxxx-72P-V	Polycrystalline Silicon, xxx=305-345W in steps of 5	
	SSxxx-60P	Polycrystalline Silicon, xxx=250-290W in steps of 5	
SSxxx-60P-V	Polycrystalline Silicon, xxx=250-290W in steps of 5		
Jiangsu Sunport Power Corp.,LTD	SPPXXMH7	Mono-crystalline Silicon, 345-385W in steps of 5	
	SPPXXM72	Mono-crystalline Silicon, 345-395W in steps of 5	
	SPPXXMH6	Mono-crystalline Silicon, 285-320W in steps of 5	
	SPPXXM60	Mono-crystalline Silicon, 285-330W in steps of 5	
	SPPXXN60	Mono-crystalline Silicon, 345-340W in steps of 5	
	SPPXXD72	Poly-crystalline Silicon, 325-350W in steps of 5	
	SPPXXPH7	Poly-crystalline Silicon, 325-350W in steps of 5	
	SPPXXP72	Poly-crystalline Silicon, 325-375W in steps of 5	
	SPPXXDH6	Poly-crystalline Silicon, 275-300W in steps of 5	
	SPPXXD60	Poly-crystalline Silicon, 275-295W in steps of 5	
	SPPXXPH6	Poly-crystalline Silicon, 275-290W in steps of 5	
	SPPXXP60	Poly-crystalline Silicon, 275-315W in steps of 5	
	SPP290M60S	sc-Si, 290W	
	SPP295M60S	sc-Si, 295W	
	SPP300M60S	sc-Si, 300W	
	SPP305M60S	sc-Si, 305W	
	SPP310M60S	sc-Si, 310W	
	SPP315M60S	sc-Si, 315W	
	SPP320M60S	sc-Si, 320W	
	SPPXXM72H	Mono-crystalline Silicon, XXX=345-395W, in steps of 5W	
	SPPXXN72H	Mono-crystalline Silicon, XXX=375-405W, in steps of 5W	
	SPPXXM60H	Mono-crystalline Silicon, XXX=285-330W, in steps of 5W	
	SPPXXN60H	Mono-crystalline Silicon, XXX=310-350W, in steps of 5W	
	SPPXXNH7H	Mono-crystalline Silicon XXX=435-450W, in steps of 5W	
	SPPXXMH7H	Mono-crystalline Silicon, XXX=375-405W, in steps of 5W	
	SPPXXNH7H	Mono-crystalline Silicon, XXX=385-420W, in steps of 5W	
	SPPXXNHEH	Mono-crystalline Silicon, XXX=340-365W, in steps of 5W	
	SPPXXMH6H	Mono-crystalline Silicon, XXX=305-335W, in steps of 5W	
	SPPXXNH6H	Mono-crystalline Silicon, XXX=320-350W, in steps of 5W	
	SPPXXD72H	Poly-crystalline Silicon, XXX=325-355W, in steps of 5W	
SPPXXP72H	Poly-crystalline Silicon, XXX=325-355W, in steps of 5W		
SPPXXD60H	Poly-crystalline Silicon, XXX=275-295W, in steps of 5W		
SPPXXP60H	Poly-crystalline Silicon, XXX 270-315W, in steps of 5W		
SPPXXDH7H	Poly-crystalline Silicon, XXX=365-405W, in steps of 5W		











PV MODULES		
Manufacturer name	Product ID	Description
Noor Solar Technology	NST18-6-xxxP	mc-Si xxx=70 - 80 Wp, in step of 5
	NST32-6-xxxP	mc-Si xxx=120-145 Wp, in step of 5
	NST36-6-xxxP	mc-Si xxx=135-160 Wp, in step of 5
	NST40-6-xxxP	mc-Si xxx=150-180 Wp, in step of 5
	NST48-6-xxxP	mc-Si xxx=180-220 Wp, in step of 5
	NST54-6-xxxP	mc-Si xxx=205-245 Wp, in step of 5
	NST60-6-xxxP	mc-Si xxx=225-275 Wp, in step of 5
	NST66-6-xxxP	mc-Si xxx=250-300 Wp, in step of 5
	NST72-6-xxxP	mc-Si xxx=270-330 Wp, in step of 5
	NST18-6-xxxM	sc-Si xxx=85-95 Wp, in step of 5
	NST32-6-xxxM	sc-Si xxx=145-175 Wp, in step of 5
	NST36-6-xxxM	sc-Si xxx=165-195 Wp, in step of 5
	NST40-6-xxxM	sc-Si xxx=180-220 Wp, in step of 5
	NST48-6-xxxM	sc-Si xxx=220-260 Wp, in step of 5
	NST54-6-xxxM	sc-Si xxx=245-295 Wp, in step of 5
	NST60-6-xxxM	sc-Si xxx=270-330 Wp, in step of 5
	NST18-6-xxxP	sc-Si xxx= 70-80WP , insteps of 5
	NST32-6-xxxP	sc-Si xxx= 120-145Wp, insteps of 5
	NST36-6-xxxP	sc-Si xxx= 135-160WP, insteps of 5
	NST40-6-xxxP	sc-Si xxx= 150-180Wp, insteps of 5
	NST48-6-xxxP	sc-Si xxx= 180-220WP, insteps of 5
	NST54-6-xxxP	sc-Si xxx= 205-245Wp, insteps of 5
	NST60-6-xxxP	sc-Si xxx= 225-275Wp, insteps of 5
	NST66-6-xxxP	sc-Si xxx= 250-300Wp, insteps of 5
NST72-6-xxxP	sc-Si xxx= 270-300Wp, insteps of 5	
NST18-6-xxxM	mc-Si xxx= 85-95Wp, insteps of 5	
NST32-6-xxxM	mc-Si xxx=145-175Wp, insteps of 5	
NST36-6-xxxM	mc-Si xxx=165-195Wp, insteps of 5	
NST40-6-xxxM	mc-Si xxx=180-220 Wp, insteps of 5	
NST48-6-xxxM	mc-Si xxx=225-260Wp, insteps of 5	
NST54-6-xxxM	mc-Si xxx=245-295Wp, insteps of 5	
NST60-6-xxxM	mc-Si xxx=270-330 Wp, in step of 5	
NST66-6-xxxM	mc-Si xxx=300-360Wp, insteps of 5	
NST72-6-xxxM	mc-Si xxx=325-395Wp, insteps of 5	
Omsun Power Private Limited	OM60XXX	Mc-Si 210-275 W
	OM60XXX	Mc-Si 180-200 W
	OM54XXX	Mc-Si 150-170 W
	OM36XXX	Mc-Si 110-140 W
	OM36XXX	Mc-Si 100 W
ONYX SOLAR ENERGY, S.L.	434 BA-10000500-20-1	a-Si 16W (+/-10%)
	X3X-BN-12451849-00-1	X= 4/5/6, a-Si 136.53 Wp
	X3X-BN-12451849-10-1	X= 4/5/6, a-Si 99.36 Wp
	X3X-BN-12451849-20-1	X= 4/5/6, a-Si 78.84 Wp
	X3X-BN-12451849-30-1	X= 4/5/6, a-Si 60.71 Wp
	X3X-BN-12452456-00-1	X= 4/5/6, a-Si 182.04 Wp
	X3X-BN-12452456-10-1	X= 4/5/6, a-Si 132.48 Wp
	X3X-BN-12452456-20-1	X= 4/5/6, a-Si 105.12 Wp
	X3X-BN-12452456-30-1	X= 4/5/6, a-Si 80.94 Wp
	X3X-BN-12450635-00-1	X= 4/5/6, a-Si 45.51 Wp
	X3X-BN-12450635-10-1	X= 4/5/6, a-Si 33.12 Wp
	X3X-BN-12450635-20-1	X= 4/5/6, a-Si 26.28 Wp
	X3X-BN-12450635-30-1	X= 4/5/6, a-Si 20.24 Wp
	X3X-BN-12451242-00-1	X= 4/5/6, a-Si 91.02 Wp
	X3X-BN-12451242-10-1	X= 4/5/6, a-Si 66.24 Wp
	X3X-BN-12451242-20-1	X= 4/5/6, a-Si 52.56 Wp
	X3X-BN-12451242-30-1	X= 4/5/6, a-Si 40.47 Wp
	636-BN-06000600-00-1	a-Si 20.06 Wp
	636-BN-24620635-10-1	a-Si 63.0 Wp
		A: M Monocrystalline or P Multicrystalline, XXX= Quantity of Cells (036 to 168), X=Frontal Glass Thickness (4mm to 10mm), X=Rear Glass Thickness (4mm to 10mm), Peak Power: 140 - 650 Wp
	ONYX G/G A XXXXX	

PV MODULES		
Manufacturer name	Product ID	Description
Panasonic	VBMS260AE04	Poly 260 W
	VBMS255AE04	Poly 255 W
	VBMS250AE04	Poly 250 W
	VBHN235SJ25	HIT Cell Technology 235W
	VBHN240SJ25	HIT Cell Technology 240W
	VBHN245SJ25	HIT Cell Technology 245W
	VBHN235SE10	HIT Cell Technology 235W
	VBHN294SJ45	HIT Cell Technology 294W
	AE6PXXXWB5B	mc-si,265W-275W ( in step of 5 )
	AE7PXXXWB5B	mc-si, 320W-325 w ( in step of 5 )
	VBHN325SJ47	HIT Cell Technology 325W
	VBMS380AJ09	Monocrystalline, 380 W
Perlight Solar Co. Ltd	PLM-XXXX-72	mc-Si 235-320W, in steps of 5
	PLM-XXXX-60	mc-Si 195-265W, in steps of 5
	PLM-XXXX-60	mc-Si 240-260W, in steps of 5
	PLM-XXXX-54	mc-Si 220-235W, in spets of 5
	PLM-XXXX-36	mc-Si 145-155W, in steps of 5
	PLM-XXXX-48	mc-Si 195-210W, in steps of 5
	PLM-XXXM-96	sc-Si 230-280W, in steps of 5
	PLM-XXXM-72	sc-Si 290-315W, in steps of 5
	PLM-XXXM-60	sc-Si 240-265 W, in steps of 5
	PLM-XXXM-54	sc-Si 220-235W, in steps of 5
	PLM-XXXM-36	sc-Si 145-155W, in steps of 5
	PLM-XXXM-48	sc-Si 195-210W, in steps of 5
	PLM-XXXM-66	sc-Si 265-290W, in steps of 5
	PLM-XXXMB-72	sc-Si 290-315 W, in steps of 5
Peimar	OR6HxxxM	sc-si ,xxx=375,450 W
	SFxxxM	sc-si ,xxx=345,350, 420 W
	SGxxxP	mc-si ,xxx=290 ,340 W
	SMxxxM	mc-si ,xxx=325 ,330,400 W
Philadelphia Solar	PLM-XXXMB-60	sc-Si 240-265W, in steps of 5
	PLM-XXXMB-54	sc-Si 220-235W, in steps of 5
	PLM-XXXMB-48	sc-Si 195-210W, in steps of 5
	PS-P72 XXX	mc-Si 300-330W, in steps of 5
	PS-P60 XXX	mc-Si 250-275W, in steps of 5
	PS-M72 XXX	sc-Si 300-345W, in steps of 5
PS-M60 XXX	sc-Si 250-290W, in steps of 5	
Premier Energies	PSS-24 xxx	mc-si ,xxx=295-355 , in step of 5w
	PSS-24xxx	mc-si, xxx=358
	PSS-24xxx	mc-si ,xxx=293
	PSS-xxx	mc-si ,xxx=270-325w, in step of 5w
	PSS-20xxx	mc-si ,xxx=245-295w , in step of 5w
	PSS-18xxx	mc-si ,xxx=220-265w , in step of 5w
	PSS-16xxx	mc-si ,xxx=195-235w , in step of 5w
	PSS-12 xxx	mc-si ,xxx=150-175w , in step of 5w
PSS-12xxx	mc-si ,xxx=12179	
Phono Solar Technology Co., Ltd	PSXXXM-24/F	C-Si 170-210 W
	PSxxxPH-24/T	mc-Si,315W/335W, in steps of 5w;
	PSxxxPH-20/U	mc-Si,260W/280W,in steps of 5w;
	PSxxxPH-24/TH	mc-Si,325W/340W,in steps of 5w;
	PSxxxPH-20/UH	mc-Si,270W/280W. In steps of 5W
	PSxxxP-24/T	mc-Si,315W/335W,in steps of 5w;
	PSxxxP-20/U	mc-Si,260W/280W,in steps of 5w;
	PSxxxP-20/UH	mc-Si,270W/280W. In steps of 5W
	PSxxxP-24/TH	mc-Si,325W/340W,in steps of 5w;
	PSxxxMH-24/T	sc-Si,325W/385W,insteps of 5w;
	PSxxxMH-20/U	sc-Si,275W/320W,insteps of 5w;
	PSxxxMH-24/TH	sc-Si, 360W/390W,insteps of 5w;
	PSxxxMH-20/UH	sc-Si,300W/325W,insteps of 5w;
	PSxxxM-24/T	sc-Si,325W/385W,insteps of 5w;
	PSxxxM-20/U	sc-Si,275W/320W,insteps of 5w;
	PSxxxM-24/TH	sc-Si,360/390,in steps of 5w;
	PSxxxM-20/UH	sc-Si,300W/325W,insteps of 5w;
	PSXXXM-20/U	C-Si 215-280W
	PSXXXM-24/T	C-Si 280-340W
PSXXXP-20/U	C-Si 215-275W	

PSXXXP-24/T  
PSxxxM1H-24/TH  
PSxxxM1H-20/UH  
PSxxxM1H-24/T  
PSxxxM1H-20/U  
PSxxxM4H-24/TH  
PSxxxM4H-22/WH  
PSxxxM4H-20/UH  
PSxxxM4H-18/VH  
PSxxxM6H-24/TH  
PSxxxM6H-22/WH  
PSxxxM6H-20/UH  
PSxxxM6H-18/VH  
PSxxxM1-24/TH  
PSxxxM1-20/UH  
PSxxxM1-24/T  
PSxxxM1-20/U  
PSxxxM4-24/TH  
PSxxxM4-22/WH  
PSxxxM4-20/UH  
PSxxxM4-18/VH  
PSxxxM6-24/TH  
PSxxxM6-22/WH  
PSxxxM6-20/UH  
PSxxxM6-18/VH

C-SI 275-335W  
sc-si,xxx=375-435W  
sc-si,xxx=310-360W  
sc-si,xxx=375-395  
sc-si,xxx=315-330W , in steps of 5W  
sc-si,xxx=430-455W , in step of 5W  
sc-si,xxx=395-415W , in step of 5W  
sc-si,xxx=360-380W, n step of 5W  
sc-si,xxx=325-345W,in step of 5W  
sc-si,xxx=525-555W,in step of 5W  
sc-si,xxx=485-505W,in step of 5W  
sc-si,xxx=440-460W,in step of 5W  
sc-si,xxx=395-415W,in step of 5W  
sc-si,xxx=375-435W,in step of 5W  
sc-si,xxx=310-360W ,,in step of 5W  
sc-si,xxx=375-395W,in step of 5W  
sc-si,xxx=315-330W ,in step of 5W  
sc-si,xxx=430-455W,in step of 5W  
sc-si,xxx=395-415W,in step of 5W  
sc-si,xxx=360-380W,in step of 5W  
sc-si,xxx=325-345W,in step of 5W  
sc-si,xxx=525-555W,in step of 5W  
sc-si,xxx=485-505W,in step of 5W  
sc-si,xxx=440-460W,in step of 5W  
sc-si,xxx=395-415W,in step of 5W

REC Solar	<p>REC265TP REC270TP REC275TP REC280TP REC xxx PE 72 REC 260 PE RECxxxPE 72 RECxxxPE RECxxxPE BLK RECxxxPE2S 72 RECxxxPE2S 72 XV RECxxxTP 72 RECxxxTP 72 XV RECxxxTP RECxxxTP BLK RECxxxTP2 RECxxxTP2 BLK RECxxxTP2S 72 RECxxxTP2S 72 RECxxxTP2S 72 XV RECxxxTP2S72 RECxxxTP2S72 XV RECxxxNP RECxxx AA 72 XV RECxxx TP2SM 72 XV REC xxxAA REC xxxTP3SM 72 XV RECxxxTP4 Black RECxxxTP3M RECxxxAA Pure RECxxxTP4</p>	<p>multicrystalline(mc-Si) , 265 W multicrystalline(mc-Si) , 270 W multicrystalline(mc-Si) , 275 W multicrystalline(mc-Si) , 280 W multicrystalline(mc-Si) , 295 -315 W, in steps of5 multicrystalline(mc-Si) , 260 W multicrystalline(mc-Si) , 300 -320 Wp multicrystalline(mc-Si) , 245 -270 Wp multicrystalline(mc-Si) , 245 -270 Wp multicrystalline(mc-Si) , 320 -330 Wp multicrystalline(mc-Si) , 320 -330 Wp multicrystalline(mc-Si) , 330 -350 Wp multicrystalline(mc-Si) , 330 -350 Wp multicrystalline(mc-Si) , 265 -285 Wp multicrystalline(mc-Si) , 265 -285 Wp multicrystalline(mc-Si) , 280 -295 Wp multicrystalline(mc-Si) , 280 -295 Wp multicrystalline(mc-Si) , 330 -350 Wp multicrystalline(mc-Si) , 330 -350 Wp multicrystalline(mc-Si) , 330 -350 Wp mc-Si 330-355 Wp, in step of5 Wp mc-Si 330-355 Wp, in step of5 Wp sc-Si 310-330 Wp, in steps of5 Wp (Sc-Si) Hetrojunction technology,420-445Wp Sc-Si,350-400Wp (Sc-Si) Hetrojunction technology,340-380W sc-Si ,xxx=350-400W , in step of5W sc-si,xxx=355W – 380W , in step of5W sc-si ,275-340 W , in step of5W sc-si ,385-410 W , in step of5W sc-si,xxx=355W – 380W , in step of5W</p>
Renesola Jiangsu Ltd	<p>JCxxxS-24/Abs JCxxxS-24/Bbs JCxxxM-24/Abs JCxxxM-24/Bbs JCxxxM-24/Abpw JCxxxM-24/Bbpw JCxxxM-24/Abpw</p>	<p>sc-Si 315-335W, in steps of5 sc-Si 255-280W, in steps of5 mc-Si 310-335W, in steps of5 mc-Si 255-285W, in steps of5 mc-Si, xxx- 315 to 335, in step of5w. mc-Si, xxx-265 to 285, in step of5w. mc-Si, xxx-340 to 345, in step of5w.</p>
Renesola Energy Nantong Co., Ltd.	<p>JCxxxS-Abcp JCxxxS-Abcp</p>	<p>sc-si, xxx= 420 to 450W, in steps of5W sc-si, xxx=525-555W , in step of5W</p>
Resun Solar Energy Co.,Ltd	<p>R55MxxxM R55AxxxM R55GxxxM R56SxxxM R56CxxxM R56DxxxM R56FxxxM R56SxxxP R56CxxxP R56DxxxP R56FxxxP R56ExxxxP</p>	<p>sc-Si,235-280, in step of5 sc-Si,175-210, in step of5 sc-Si,90-105, in step of5 sc-Si,300-325, in step of5 sc-Si,250-270, in step of5 sc-Si,205-245, in step of5 sc-Si,180-215, in step of5 mc-si,295-330, in step of5 mc-si,240-275, in step of5 mc-si, 205-245, in step of5 mc-si,180-220, in step of5 mc-si,140-165, in step of5</p>
RISEN Energy Co Ltd.	<p>SYP200P SYP 245S RSM36-6-150P RSM60-6-XXXP RSM72-6-XXXP RSM60-6-XXXPDG RSM120-6-XXXP RSM144-6-XXXM RSM144-6-XXXP RSM60-6-XXXM RSM72-6-XXXM RSM60-6-XXXMDG RSM60-6-XXXPDG RSM72-6-XXXMDG RSM72-6-XXXPDG RSM120-6-XXXM</p>	<p>mc-Si 200W ±3% mc-Si 245W mc-Si 150W +3% +ve power tolerance mc-Si 260-295W, in steps of5 +3% +ve power tolerance mc-Si 330-385 Wp , in steps of5 +3% +ve power tolerance mc-Si 255-265W, in steps of5 +3% +ve power tolerance mc-Si,275 to 305W, in steps of5w sc-Si, 410 to 415W, in steps of5W mc-Si, 330 to 365W, in steps of5w sc-Si, 275-320W in step of5 sc-Si, 330-385 in step of5 SC-Si, 320W to 320W in step of5 mc-Si,300 to 300W, in steps of5w SC-Si, 315 to 385W, in steps of5w mc-Si,315 to 360W, in steps of5w sc-si, 295 to 350W, in steps of5W</p>





RSM144-6-XXXM  
RSM120-6-XXXBMDG  
RSM132-6-XXXBMDG

Sc-si, 350 to 405W, in step of 5W  
sc-si, 300 to 350W, in steps of 5W  
sc-Si, 330-370W in steps of 5



RISEN Energy Co Ltd.	RSM144-6-XXXBMDG RSM60-6-XXXBMDG RSM72-6-XXXBMDG RSM120-6-XXXX RSM120-7-XXXX RSM144-6-XXXX RSM144-7-XXXX RSM156-6-XXXX RSM120-6-XXXBHDG RSM144-6-XXXBHDG RSM-120-7-XXX-BMDG RSM-132-7-XXX-BMDG RSM-144-7-XXX-BMDG RSM150-8-xxxM RSM150-8-xxxBMDG RSM120-9-XXXX RSM132-9-XXXX RSM144-9-XXXX RSM120-9-XXXBMDG RSM132-9-XXXBMDG RSM144-9-XXXBMDG RSM40-8-xxxM, RSM40-8-xxxMB, RSM110-8-xxxBMDG RSM120-8-xxxBMDG, RSM110-8-xxxM RSM120-8-xxxM RSM132-8-xxxM RSM132-8-xxxBMDG	sc-Si, 360 to 415W, in steps of 5W sc-Si, 280-325W in steps of 5 sc-Si, 340 to 385W in steps of 5 sc-si ,355 -375 W , in step of 5 Sc-si ,355 -375 W , in step of 5 sc-Si,425 -450, instep of 5W sc-Si,425 -450W, in steps of 5W sc-Si,410-455W, in step of 5W sc-Si,330-360W , in step of 5W sc-Si,400- 430W , in step of 5W sc-Si,xxx=355-380W , in step of 5W sc-Si,xxx=390-420W, in step of 5W sc-Si,xxx=425-455W, in step of 5W sc-Si,xxx=465-505W , in step of 5W sc-Si,xxx=465-510W , in step of 5W sc-si ,xxx=440 to 465W, in step of 5W sc-si ,xxx=485 to 510W , in step of 5W sc-si ,xxx=525 to 555W, in step of 5W sc-si ,xxx=435 to 460W, in step of 5W sc-si ,xxx=480 to 505W, in step of 5W sc-si ,xxx=520-550W, in step of 5W sc-si,xxx=385-415W, in steps of 5W sc-si,xxx= 385-415W, in steps of 5W; sc-si , xxx= 525-560W, in steps of 5W; sc-si ,xxx=560-610W, in steps of 5W. sc-si,xxx=525-560W , in step of 5W sc-si,xxx=575-610W , , in step of 5W sc-si,xxx= 640-670W , in step of 5W sc-si,xxx=640-670W , in step of 5W
RenewSys India Private Limited	DESERV 3M6 XXX DESERV 3M6 XXX DESERV 3M6 XXX DESERV 3M6 XXX 3SGH Series DESERV 3M6 XXX DESERV 5GALACTIC DESERV 3SGH	mc-si ( 36 cells) 140 W - 170 W mc-si ( 48 cells) 185 W - 230W mc-si (54 cells) 210 W - 260 W mc-si ( 60 cells) 235 W - 285 W Sc-Si,160Wp to 390Wp mc-si (72 cells) 280 W - 345 W sc-si,xxx=380 Wp - 405 Wp , in step of 5W sc-si,xxx=375 Wp - 400 Wp, in step of 5W
RKM LIGHTWAY GREEN ENERGY TECHNOLOGY LLC	LW6M60-xxx LW6P72-xxx LW6M72-xxx LW6P60-xxx LW6MH60-xxx LW6MH66-xxx LW6MH72-xxx LW6P60-xxx LW6PH60-xxx LW6PH72-xxx	sc-Si , xxx=260-325, in increment of 5 mc-Si,xxx=305-340, in increment of 5 sc-Si , xxx=310-390, in increment of 5 mc-Si , xxx= 255-280, in increment of 5 sc-Si , xxx=315-345, in increment of 5 sc-Si , xxx=345-380, in increment of 5 sc-Si , xxx=375-415, in increment of 5 mc-Si , xxx=255-280, in increment of 5 mc-Si , xxx=280-310, in increment of 5 mc-Si , xxx=335-375, in increment of 5
Saatvik Green Energy Pvt. Ltd	SGE325-72P SGE330-72P SGE260-60P SGE270-60P	ms-Si 325 W ms-Si 330 W ms-Si 260 W ms-Si 270 W
Solar One Co W.L.L	S1-xxx-72MH S1-xxx-72M S1-xxx-60M S1-xxx-144M S1-xxx-144MH S1-xxx-144M S1-xxx-144MH	mc-si,xxx=360-390wp, in step of 5W mc-si,xxx=360-390wp, in step of 5W mc-si,xxx=300-330wp, in step of 5W sc-si,xxx=435-450wpp , in step of 5W sc-si,xxx=435-450wpp , in step of 5W sc-si,xxx=535-545wpp , in step of 5W sc-si,xxx=535 - 545wpp , in step of 5W
S-Energy	SM-xxxPC8 SM-xxxPC8 SN-xxxP10 SN-xxxP10	Mc-Si 250-260W, in steps of 5 Mc-Si 295-305W, in steps of 5 Mc-Si 250-265W, in steps of 5 Mc-Si 295-315W, in steps of 5
Solvis d.o.o.	SV60-xxxE SV60-xxx SV72-xxxE SV72-xxx	monocrystalline 290-405, in step of 5 polycrystalline 270-290, in step of 5 monocrystalline 345-365, in step of 5 polycrystalline 320-340, in step of 5

PV MODULES		
Manufacturer name	Product ID	Description
	SUNOVATION eFORM Arc GG-260-C	sc-Si 215.8 Wp
	SUNOVATION eFORM Arc GG-125-C	sc-Si 107.9 Wp
	SUNOVATION eFORM Arc GG-160-C	sc-Si 134.9 Wp
	SUNOVATION eFORM Arc GG-130-C	sc-Si 107.9 Wp
	SUNOVATION eFORM Color GG-195-F	sc-Si 161.8 Wp
	SUNOVATION eFORM Color GG-95-F	sc-Si 80.9 Wp
	SUNOVATION eFORM Color GG-120-F	sc-Si 100.1 Wp
	SUNOVATION eFORM Color GG-100-F	sc-Si 80.9 Wp
	SUNOVATION eFORM Color GG-160-F	sc-Si 134.9 Wp
	SUNOVATION eFORM Color GG-190-F	sc-Si 161.8 Wp
	RA-01o-0	Mono Crystalline 524 Wp
	RA-01i-0	Mono Crystalline 436 Wp
	RA-C1o-0	Mono Crystalline 554 Wp
	RA-C1i-0	Mono Crystalline 436 Wp
	RA-C2o-0	Mono Crystalline 554 Wp
	RA-C2i-0	Mono Crystalline 436 Wp
	RB-01o-0	Mono Crystalline 568 Wp
	RB-01i-0	Mono Crystalline 514 Wp
	RB-C1o-0	Mono Crystalline 568 Wp
	RB-C1i-0	Mono Crystalline 514 Wp
	RB-C2o-0	Mono Crystalline 568 Wp
	RB-C2i-0	Mono Crystalline 514 Wp
	RC-01o-0	Mono Crystalline 573 Wp
	RC-01i-0	Mono Crystalline 539 Wp
	RC-C1o-0	Mono Crystalline 593 Wp
	RC-C1i-0	Mono Crystalline 539 Wp
	RC-C2o-0	Mono Crystalline 593 Wp
	RC-C2i-0	Mono Crystalline 539 Wp
	RD-01o-0	Mono Crystalline 578 Wp
	RD-01i-0	Mono Crystalline 558 Wp
	RD-C1o-0	Mono Crystalline 578 Wp
	RD-C1i-0	Mono Crystalline 558 Wp
	RD-C2o-0	Mono Crystalline 578 Wp
	RD-C2i-0	Mono Crystalline 558 Wp
	RE-01o-0	Mono Crystalline 583 Wp
	RE-01i-0	Mono Crystalline 583 Wp
	RE-C1o-0	Mono Crystalline 583 Wp
	RE-C1i-0	Mono Crystalline 583 Wp
	RE-C2o-0	Mono Crystalline 583 Wp
	RE-C2i-0	Mono Crystalline 583 Wp
	RF-01o-0	Mono Crystalline 588 Wp
	RF-01i-0	Mono Crystalline 583 Wp
	RF-C1o-0	Mono Crystalline 588 Wp
	RF-C1i-0	Mono Crystalline 583 Wp
	RF-C2o-0	Mono Crystalline 588 Wp
	RF-C2i-0	Mono Crystalline 583 Wp
	SA-01o-0	Mono Crystalline 593 Wp
	SA-01i-0	Mono Crystalline 583 Wp
	SA-C1o-0	Mono Crystalline 593 Wp
	SA-C1i-0	Mono Crystalline 583 Wp
	SA-C2o-0	Mono Crystalline 593 Wp
	SA-C2i-0	Mono Crystalline 583 Wp
	SA-02o-R	Mono Crystalline 583 Wp
	SA-02o-L	Mono Crystalline 583 Wp
	SA-03o-R	Mono Crystalline 480 Wp
	SA-03o-L	Mono Crystalline 480 Wp
	SA-04o-R	Mono Crystalline 363 Wp
	SA-04o-L	Mono Crystalline 363 Wp
	SA-05o-R	Mono Crystalline 265 Wp
	SA-05o-L	Mono Crystalline 265 Wp
	SA-06o-R	Mono Crystalline 171 Wp
	SA-06o-L	Mono Crystalline 171 Wp
	SA-07o-R	Mono Crystalline 83 Wp
	SA-07o-L	Mono Crystalline 83 Wp

Sunovation

PV MODULES		
Manufacturer name	Product ID	Description
	SA-08-R	Mono Crystalline 598 Wp
	SA-08-L	Mono Crystalline 598 Wp
	SA-09-R	Mono Crystalline 519 Wp
	SA-09-L	Mono Crystalline 519 Wp
	SA-10-R	Mono Crystalline 451 Wp
	SA-10-L	Mono Crystalline 451 Wp
	SA-11-R	Mono Crystalline 382 Wp
	SA-11-L	Mono Crystalline 382 Wp
	SA-12-R	Mono Crystalline 318 Wp
	SA-12-L	Mono Crystalline 318 Wp
	SA-13-R	Mono Crystalline 255 Wp
	SA-13-L	Mono Crystalline 255 Wp
	SA-14-R	Mono Crystalline 196 Wp
	SA-14-L	Mono Crystalline 196 Wp
	SA-15-R	Mono Crystalline 147 Wp
	SA-15-L	Mono Crystalline 147 Wp
	SA-16-R	Mono Crystalline 98 Wp
	SA-16-L	Mono Crystalline 98 Wp
	SA-17-R	Mono Crystalline 54 Wp
	SA-17-L	Mono Crystalline 54 Wp
	SB-01o-0	Mono Crystalline 598 Wp
	SB-01i-0	Mono Crystalline 583 Wp
	SB-C1o-0	Mono Crystalline 598 Wp
	SB-C1i-0	Mono Crystalline 583 Wp
	SB-C2o-0	Mono Crystalline 598 Wp
	SB-C2i-0	Mono Crystalline 583 Wp
	SB-02o-R	Mono Crystalline 485 Wp
	SB-02o-L	Mono Crystalline 485 Wp
	SB-03o-R	Mono Crystalline 343 Wp
	SB-03o-L	Mono Crystalline 343 Wp
Sunovation	SB-04o-R	Mono Crystalline 201 Wp
	SB-04o-L	Mono Crystalline 201 Wp
	SB-05o-R	Mono Crystalline 78 Wp
	SB-05o-L	Mono Crystalline 78 Wp
	SB-06-R	Mono Crystalline 554 Wp
	SB-06-L	Mono Crystalline 554 Wp
	SB-07-R	Mono Crystalline 446 Wp
	SB-07-L	Mono Crystalline 446 Wp
	SB-08-R	Mono Crystalline 323 Wp
	SB-08-L	Mono Crystalline 323 Wp
	SB-09-R	Mono Crystalline 225 Wp
	SB-09-L	Mono Crystalline 225 Wp
	SB-10-R	Mono Crystalline 122 Wp
	SB-10-L	Mono Crystalline 122 Wp
	SB-11-R	Mono Crystalline 24 Wp
	SB-11-L	Mono Crystalline 24 Wp
	SC-01o-0	Mono Crystalline 603 Wp
	SC-01i-0	Mono Crystalline 583 Wp
	SC-C1o-0	Mono Crystalline 603 Wp
	SC-C1i-0	Mono Crystalline 583 Wp
	SC-C2o-0	Mono Crystalline 603 Wp
	SC-C2i-0	Mono Crystalline 583 Wp
	SC-02o-R	Mono Crystalline 505 Wp
	SC-02o-L	Mono Crystalline 505 Wp
	SC-03o-R	Mono Crystalline 328 Wp
	SC-03o-L	Mono Crystalline 328 Wp
	SC-04o-R	Mono Crystalline 181 Wp
	SC-04o-L	Mono Crystalline 181 Wp
	SC-05-R	Mono Crystalline 627 Wp
	SC-05-L	Mono Crystalline 627 Wp
	SC-06-R	Mono Crystalline 490 Wp
	SC-06-L	Mono Crystalline 490 Wp
	SC-07-R	Mono Crystalline 358 Wp

PV MODULES		
Manufacturer name	Product ID	Description
	SC-07-L	Mono Crystalline 358 Wp
	SC-08-R	Mono Crystalline 230 Wp
	SC-08-L	Mono Crystalline 230 Wp
	SC-09-R	Mono Crystalline 98 Wp
	SC-09-L	Mono Crystalline 98 Wp
	SD-01o-0	Mono Crystalline 612 Wp
	SD-01i-0	Mono Crystalline 583 Wp
	SD-C1o-0	Mono Crystalline 617 Wp
	SD-C1i-0	Mono Crystalline 583 Wp
	SD-C2o-0	Mono Crystalline 617 Wp
	SD-C2i-0	Mono Crystalline 583 Wp
	SD-02o-R	Mono Crystalline 534 Wp
	SD-02o-L	Mono Crystalline 534 Wp
	SD-03o-R	Mono Crystalline 377 Wp
	SD-03o-L	Mono Crystalline 377 Wp
	SD-04o-R	Mono Crystalline 220 Wp
	SD-04o-L	Mono Crystalline 220 Wp
	SD-05o-R	Mono Crystalline 64 Wp
	SD-05o-L	Mono Crystalline 64 Wp
	SD-06-R	Mono Crystalline 524 Wp
	SD-06-L	Mono Crystalline 524 Wp
	SD-07-R	Mono Crystalline 387 Wp
	SD-07-L	Mono Crystalline 387 Wp
	SD-08-R	Mono Crystalline 250 Wp
	SD-08-L	Mono Crystalline 250 Wp
	SD-09-R	Mono Crystalline 113 Wp
	SD-09-L	Mono Crystalline 113 Wp
	SE-01o-0	Mono Crystalline 612 Wp
	SE-01i-0	Mono Crystalline 583 Wp
	SE-C1o-0	Mono Crystalline 617 Wp
	SE-C1i-0	Mono Crystalline 583 Wp
Sunovation	SE-C2o-0	Mono Crystalline 617 Wp
	SE-C2i-0	Mono Crystalline 583 Wp
	SE-02o-R	Mono Crystalline 529 Wp
	SE-02o-L	Mono Crystalline 529 Wp
	SE-03o-R	Mono Crystalline 412 Wp
	SE-03o-L	Mono Crystalline 412 Wp
	SE-04o-R	Mono Crystalline 284 Wp
	SE-04o-L	Mono Crystalline 284 Wp
	SE-05o-R	Mono Crystalline 157 Wp
	SE-05o-L	Mono Crystalline 157 Wp
	SE-06o-R	Mono Crystalline 34 Wp
	SE-06o-L	Mono Crystalline 34 Wp
	SE-07-R	Mono Crystalline 514 Wp
	SE-07-L	Mono Crystalline 514 Wp
	SE-08-R	Mono Crystalline 392 Wp
	SE-08-L	Mono Crystalline 392 Wp
	SE-09-R	Mono Crystalline 269 Wp
	SE-09-L	Mono Crystalline 269 Wp
	SE-10-R	Mono Crystalline 147 Wp
	SE-10-L	Mono Crystalline 147 Wp
	SF-01i-0	Mono Crystalline 583 Wp
	SF-C1o-0	Mono Crystalline 314 Wp
	SF-C1i-0	Mono Crystalline 583 Wp
	SF-C2o-0	Mono Crystalline 314 Wp
	SF-C2i-0	Mono Crystalline 583 Wp
	SF-01o-R	Mono Crystalline 299 Wp
	SF-01o-L	Mono Crystalline 299 Wp
	SF-02o-R	Mono Crystalline 265 Wp
	SF-02o-L	Mono Crystalline 265 Wp
	SF-03o-R	Mono Crystalline 245 Wp
	SF-03o-L	Mono Crystalline 245 Wp
	SF-04o-R	Mono Crystalline 216 Wp

PV MODULES		
Manufacturer name	Product ID	Description
Sunovation	SF-04o-L	Mono Crystalline 216 Wp
	SF-05o-R	Mono Crystalline 176 Wp
	SF-05o-L	Mono Crystalline 176 Wp
	SF-06o-R	Mono Crystalline 132 Wp
	SF-06o-L	Mono Crystalline 132 Wp
	SF-07o-R	Mono Crystalline 78 Wp
	SF-07o-L	Mono Crystalline 78 Wp
	SF-08-R	Mono Crystalline 612 Wp
	SF-08-L	Mono Crystalline 612 Wp
	SF-09-R	Mono Crystalline 558 Wp
	SF-09-L	Mono Crystalline 558 Wp
	SF-10-R	Mono Crystalline 495 Wp
	SF-10-L	Mono Crystalline 495 Wp
	SF-11-R	Mono Crystalline 426 Wp
	SF-11-L	Mono Crystalline 426 Wp
	SF-12-R	Mono Crystalline 353 Wp
	SF-12-L	Mono Crystalline 353 Wp
	SF-13-R	Mono Crystalline 274 Wp
	SF-13-L	Mono Crystalline 274 Wp
	SF-14-R	Mono Crystalline 191 Wp
	SF-14-L	Mono Crystalline 191 Wp
	SF-15-R	Mono Crystalline 103 Wp
	SF-15-L	Mono Crystalline 103 Wp
	SG-01i-0	Mono Crystalline 583 Wp
	SG-C1o-0	Mono Crystalline 69 Wp
	SG-C1i-0	Mono Crystalline 583 Wp
	SG-C2o-0	Mono Crystalline 69 Wp
	SG-C2i-0	Mono Crystalline 583 Wp
	SG-01o-R	Mono Crystalline 69 Wp
	SG-01o-L	Mono Crystalline 69 Wp
	SG-02o-R	Mono Crystalline 44 Wp
	SG-02o-L	Mono Crystalline 44 Wp
	SG-03o-R	Mono Crystalline 34 Wp
	SG-03o-L	Mono Crystalline 34 Wp
	SG-04o-R	Mono Crystalline 34 Wp
	SG-04o-L	Mono Crystalline 34 Wp
	SG-05-R	Mono Crystalline 607 Wp
	SG-05-L	Mono Crystalline 607 Wp
	SG-06-R	Mono Crystalline 583 Wp
	SG-06-L	Mono Crystalline 583 Wp
	SG-07-R	Mono Crystalline 563 Wp

PV MODULES		
Manufacturer name	Product ID	Description
Sunovation	SG-07-L	Mono Crystalline 563 Wp
	SG-08-R	Mono Crystalline 549 Wp
	SG-08-L	Mono Crystalline 549 Wp
	SG-09-R	Mono Crystalline 514 Wp
	SG-09-L	Mono Crystalline 514 Wp
	SG-10-R	Mono Crystalline 485 Wp
	SG-10-L	Mono Crystalline 485 Wp
	SG-11-R	Mono Crystalline 461 Wp
	SG-11-L	Mono Crystalline 461 Wp
	SG-12-R	Mono Crystalline 431 Wp
	SG-12-L	Mono Crystalline 431 Wp
	SG-13-R	Mono Crystalline 402 Wp
	SG-13-L	Mono Crystalline 402 Wp
	SG-14-R	Mono Crystalline 372 Wp
	SG-14-L	Mono Crystalline 372 Wp
	SG-15-R	Mono Crystalline 338 Wp
	SG-15-L	Mono Crystalline 338 Wp
	SG-16-R	Mono Crystalline 304 Wp
	SG-16-L	Mono Crystalline 304 Wp
	SG-17-R	Mono Crystalline 269 Wp
	SG-17-L	Mono Crystalline 269 Wp
	SG-18-R	Mono Crystalline 235 Wp
	SG-18-L	Mono Crystalline 235 Wp
	SG-19-R	Mono Crystalline 201 Wp
	SG-19-L	Mono Crystalline 201 Wp
	SG-20-R	Mono Crystalline 167 Wp
	SG-20-L	Mono Crystalline 167 Wp
	SG-21-R	Mono Crystalline 132 Wp
	SG-21-L	Mono Crystalline 132 Wp
	SG-22-R	Mono Crystalline 103 Wp
	SG-22-L	Mono Crystalline 103 Wp
	SG-23-R	Mono Crystalline 69 Wp
	SG-23-L	Mono Crystalline 69 Wp
	PE-000-0	Mono Crystalline 529 Wp
	ET-T1-00	Mono Crystalline 113 Wp
	ET-T2-00	Mono Crystalline 314 Wp
	ET-T3-17	Mono Crystalline 299 Wp
	ET-T3-17 BI	Mono Crystalline 299 Wp
	ET-T4-17	Mono Crystalline 318 Wp
	ET-T4.1-17	Mono Crystalline 118 Wp
	ET-T4.1-17 BI	Mono Crystalline 201 Wp
	ET-T5-17	Mono Crystalline 235 Wp
	ET-T1-00	Mono Crystalline 113 Wp
ET-T2-00	Mono Crystalline 314 Wp	
ET-T3-16	Mono Crystalline 299 Wp	
ET-T3-16 BI	Mono Crystalline 299 Wp	
ET-T4-16	Mono Crystalline 402 Wp	
Boundary Wall PV-Panel	Mono Crystalline 345 Wp	
Canopy PV-Panel	Mono Crystalline 365 Wp	
EV-Tree PV-Panel	Mono Crystalline 220 Wp	
Sunman (Hong Kong) Limited	SMF160M-6X6	sc-Si 160 Wp
	SMF270M-6X10	sc-Si 270 Wp
	SMF325M-6X12	sc-Si 325 Wp
SERAPHIM SOLAR SYSTEM CO.,LTD	SRP-XXX-6PA	mc-Si (XXX=305-320), in steps of 5
	SRP-XXX-6PB	mc-Si (XXX=225-265), in steps of 5
	SRP-XXX-6PA	sc-Si, mc-Si(XXX=320-350),in steps of 5
	SRP-XXX-6PA-H	sc-Si, mc-Si(XXX=320-350),in steps of 5
	SRP-XXX-6PB	sc-Si, mc-Si(XXX=270-290),in step of 5
	SRP-XXX-6PB-HV	sc-Si, mc-Si(XXX=270-290),in step of 5
	SRP-XXX-6MA	sc-Si, mc-Si(XXX=340-380), instep of 5
	SRP-XXX-6MA-HV	sc-Si, mc-Si(XXX=340-380), instep of 5
	SRP-XXX-6MB	sc-Si, mc-Si(XXX=285-315),in step of 5
	SRP-XXX-6MB-HV	sc-Si, mc-Si(XXX=285-315),in step of 5

PV MODULES		
Manufacturer name	Product ID	Description
SERAPHIM SOLAR SYSTEM CO.,LTD	SRP-XXX-BPA	sc-Si, mc-Si(XXX=320-355),in step of 5
	SRP-XXX-BPA-HV	sc-Si, mc-Si(XXX=320-355),in step of 5
	SRP-XXX-BPB	sc-Si, mc-Si(XXX=270-295),in step of 5
	SRP-XXX-BPB-HV	sc-Si, mc-Si(XXX=270-295),in step of 5
	SRP-XXX-BMA	sc-Si, mc-Si(XXX=340-380),in step of 5
	SRP-XXX-BMA-HV	sc-Si, mc-Si(XXX=340-380),in step of 5
	SRP-XXX-BMB	sc-Si, mc-Si(XXX=285-315),in step of 5
	SRP-XXX-BMB-HV	sc-Si, mc-Si(XXX=285-315),in step of 5
	SRP-XXX-E11A	sc-Si, mc-Si(XXX=340-380),in step of 5
	SRP-XXX-E11A-HV	sc-Si, mc-Si(XXX=340-380),in step of 5
	SRP-XXX-E11A/SRP-XXX-E11A-HV	sc-Si, mc-Si(XXX=340-380),in step of 5
	SRP-XXX-E11B/SRP-XXX-E11B-HV	sc-Si, mc-Si(XXX=285-315),in step of 5
	SRP-XXX-E01A/SRP-XXX-E01A-HV	sc-Si, mc-Si(XXX=365-410),in step of 5
	SRP-XXX-E01B/SRP-XXX-E01B-HV	sc-Si, mc-Si(XXX=305-340),in step of 5
	SRP-XXX-BPA/SRP-XXX-BPA-HV	sc-Si, mc-Si(XXX=320-355),in step of 5
	SRP-XXX-BPB/SRP-XXX-BPB-HV	sc-Si, mc-Si(XXX=270-295),in step of 5
	SRP-XXX-BMA/SRP-XXX-BMA-HV	sc-Si, mc-Si(XXX=340-380),in step of 5
	SRP-XXX-BMB/SRP-XXX-BMB-HV	sc-Si, mc-Si(XXX=285-315),in step of 5
	SRP-XXX-6PA/SRP-XXX-6PA-HV	sc-Si, mc-Si(XXX=320-350),in step of 6
	SRP-XXX-6PB/SRP-XXX-6PB-HV	sc-Si, mc-Si(XXX=270-290),in step of 7
	SRP-XXX-6MA/SRP-XXX-6MA-HV	sc-Si, mc-Si(XXX=340-380),in step of 8
	SRP-XXX-6MB/SRP-XXX-6MB-HV	sc-Si, mc-Si(XXX=285-315),in step of 9
	SRP-XXX-E11B	sc-Si, mc-Si(XXX=285-315),in step of 5
	SRP-XXX-E11B-HV	sc-Si, mc-Si(XXX=285-315),in step of 5
	SRP-XXX-E01A	sc-Si, mc-Si(XXX=365-410),in step of 5
	/SRP-XXX-E01A-HV	sc-Si, mc-Si(XXX=365-410),in step of 5
	SRP-XXX-E01B	sc-Si, mc-Si(XXX=305-340),in step of 5
	SRP-XXX-E01B-HV	sc-Si, mc-Si(XXX=305-340),in step of 5
	SRP-XXX-6MA	sc-Si(XXX=310-325), in steps of 5
	SRP-XXX-6MB	sc-Si(XXX=265-280), in steps of 5
	SRP-XXX-BMA	sc-Si(XXX=385-415W), in step of 5
	SRP-XXX-BMA-HV	sc-Si(XXX=385-415W), in step of 5
	SRP-XXX-BMB	mc-Si(XXX=320-345W), in step of 5
	SRP-XXX-BMB-HV	mc-Si(XXX=320-345W), in step of 5
	SRP-XXX-BMA-BG	sc-Si, mc-Si(XXX=350-450 and XXX=525-540), in step of 5W
	SRP-XXX-BMB-BG	sc-Si, mc-Si BG(XXX=290-375 and XXX=440-450), in step of 5W
	SRP-XXX-BMC-BG	sc-Si, mc-Si(XXX=320-375 and XXX=485-495), in step of 5W
	SRP-XXX-BMD-BG	sc-Si, mc-Si(XXX=395-405), in step of 5W
	SRP-XXX-BMZ-BG	sc-Si, mc-Si(XXX=425-450), in step of 5W
	SRP-XXX-BMA-HV/ SRP-XXX-BMA	sc-Si, mc-Si(XXX=420-450 and XXX=525-545), in step of 5W
	SRP-XXX-BMB-HV/ SRP-XXX-BMB	sc-Si, mc-Si(XXX=350-375 and XXX=440-450), in step of 5W
	SRP-XXX-BMC-HV/ SRP-XXX-BMC	sc-Si, mc-Si(XXX=305-380 and XXX=485-495), in step of 5W
SRP-XXX-BMD-HV/ SRP-XXX-BMD	sc-Si, mc-Si(XXX=390-405), in step of 5W	
SRP-XXX-BMZ-HV/ SRP-XXX-BMZ	sc-Si, mc-Si(XXX=425-450), in step of 5W	
Shandong Linuo Photovoltaic Hi-tech Co., Ltd	LN260(30) M-4-xxx	sc-Si, 270 -280 in steps of 5
	LN260(30) P-4-xxx	Mc-Si, 260 -270 in steps of 5
Shanghai Aerospace Automobile Electromechanical Co., Ltd	HT72-156P-XXX	Poly c-Si(XXX=310-330, in steps of 5)
	HT60-156P-XXX	Poly c-Si(XXX=260-275, in steps of 5)
	HT72-156M-XXX	mono c-Si(XXX=330-345, 355-360 in steps of 5)
HT60-156M-XXX	mono c-Si(XXX=270-310, in steps of 5)	

PV MODULES		
Manufacturer name	Product ID	Description
	NU-RJ XXX	mono c-Si 280 - 285W (in steps of 5W)
	ND-RJ XXX	Poly c-Si 255 - 275W (in steps of 5W)
	ND-RCXXX	poly crystalline 215-310 in steps of 5
	NU-RDXXX	mono crystalline 215-310 in steps of 5
	NU-RCXXX	Poly crystalline 215-310 in steps of 5
	ND-RBxxx	Poly crystalline 245-290 (in steps of 5W)
	NU-SCxxx	Mono crystalline 335-375 (in steps of 5W)
	NQ-RxxxxA	256- 260W (in steps of 2W)
	ND-Ahxxx	mono crystalline 285-340 W, in steps of 5
	ND-RKxxx	poly crystalline 235-285W , in steps of 5
	NU-AHxxx	poly crystalline, 285-345W , in steps of 5
	ND-AKxxx	poly crystalline, 235-285W , in steps of 5
	ND-AC275	Poly Crystalline, 275w
	ND-AF330C	Poly Crystalline, 330w



Sharp Electronics

NU-AC310  
NU-AF370  
NU-JC320B  
NU-JC330  
NU-JB395  
NU-JCxxxB  
NU-JCxxx  
NU-JDxxx  
NU-JDxxx  
NU-JD540  
NU-JD450  
NU-JC365B  
NU-JC375  
NU-JC400B  
NU-JC410

Mono Crystalline, 310w  
Mono Crystalline, 370w  
Mono crystalline, 320 W  
Mono crystalline, 330 W  
Mono crystalline, 395 W  
sc-si,xxx=360W  
sc-si, xxx=370 W  
sc-si, xxx=440W  
sc-si, xxx=445W  
Sc-Si xxx=540 W  
Sc-Si xxx=450 W  
Sc-Si xxx=365 W  
Sc-Si xxx=375 W  
Sc-Si xxx=400 W  
Sc-Si xxx=410 W

PV MODULES		
Manufacturer name	Product ID	Description
SolarWorld AG	Sunmodule Plus SW XXX poly	Mc-Si, 260 W
	Sunmodule Plus SW XXX mono	sc-Si, 270, 290, 295W
	Sunmodule SW XXX XL mono	sc-Si, 340, 345W
	Sunmodule Protect SW 280 mono black	Mono-Crystalline Si 280 Watt peak 0 / +5 Wp
	Sunmodule Plus SW 260 poly	Poly-Crystalline Si 260 Watt peak 0/+5 Wp
	Sunmodule Plus SW 265 poly	Poly-Crystalline Si 265 Watt peak 0/+5 Wp
	Sunmodule Plus SW 285 mono	Mono-Crystalline Si 285 Watt peak 0 / +5 Wp
	Sunmodule Plus SW 285 mono black	Mono-Crystalline Si 285 Watt peak 0 / +5 Wp
	Sunmodule Plus SW 290 mono black	Mono-Crystalline Si 290 Watt peak 0 / +5 Wp
	Sunmodule Plus SW 300 mono	Mono-Crystalline Si 300 Watt peak 0 / +5 Wp
	Sunmodule SW 325 XL mono	Mono-Crystalline Si 325 Watt peak 0 / +5 Wp
	Sunmodule SW 335 XL mono	Mono-Crystalline Si 335 Watt peak 0 / +5 Wp
	Sunmodule SW 340 XL mono	Mono-Crystalline Si 340 Watt peak 0 / +5 Wp
	Sunmodule SW 345 XL mono	Mono-Crystalline Si 345 Watt peak 0 / +5 Wp
	Sunmodule SW 350 XL mono	Mono-Crystalline Si 350 Watt peak 0 / +5 Wp
Sunmodule Bisun SW 280 duo	Mono-Crystalline Si 280 Watt peak 0 / +5 Wp	
Sunmodule Bisun SW 325 duo	Mono-Crystalline Si 325 Watt peak 0 / +5 Wp	
SOLARWATT GmbH	Vision 60P	Poly-Crystalline Si (275-285 Wp, in step of 5)
	Vision 60P style	Poly-Crystalline Si (265 Wp, 270 Wp)
	Vision 60M style	Mono-Crystalline Si (280-295 Wp), in step of 5
	Vision 60M high power	Mono-Crystalline Si (295 Wp, 300 Wp)
Solar Frontier	SFXXX-S	CIGS 130-170W
Solar Leading Group Limited	JKMXXXP-60	mc-si 245-265W, in steps of 5
	JKMXXXP-72	mc-Si 295-320W, in steps of 5
	JKMXXXM-60	sc-Si 255-280W, in steps of 5
	JKMXXXM-72	sc-Si 300-320W, in steps of 5
Solar One	S1-xxx-72MH	mc-si,xxx=360-390W , in step of 5
	S1-xxx-72M	mc-si,xxx=360-390W , in step of 5
	S1-xxx-60M	mc-si,xxx=00-330W, in step of 5
Solar Solution (AEG)	AS-P368 -xxx	c-Si, 140-170 Wp, in steps of 5 Wp
	AS-P548 -xxx	c-Si, 210-250 Wp, in steps of 5 Wp
	AS-P608 -xxx	c-Si, 235-280 Wp, in steps of 5 Wp
	AS-P728 -xxx	c-Si, 285-335 Wp, in steps of 5 Wp
Solon International LL FZE	Solon Blue/Black 220/16	sc-Si, mc-Si 225 - 275 WP
	Solon Blue/black 230/07	sc-Si, mc-Si 225-275 WP
	Solon Black 230/02	sc-Si, mc-Si 225-275 WP
	Solon Blue 270/11	sc-Si, mc-Si 300-330 WP
	Solon Blue 270/12	sc-Si, mc-Si 300-330 WP
	Solon Blue 270/17	sc-Si, mc-Si 300-330 WP
	Solon Black 280/11	sc-Si, mc-Si 300-330 WP
	Solon Black 280/12	sc-Si, mc-Si 300-330 WP
Solon Black 280/17	sc-Si, mc-Si 300-330 WP	
lo	STO-XXXX	CIGS 120-160W, in steps of 5 - +2%
	STL-XXXX	CIGS 120-160W, in steps of 5 - +2%
SunPower (Maxeon Co-Brand)	SPR-X21-345-COM	Back Contact Cell Mono Crystalline Maxeon) 327- 450W
	SPR-E20-435 COM	Back Contact Cell Mono Crystalline Maxeon) 327- 450W
	SPR-E20-327 COM	Back Contact Cell Mono Crystalline Maxeon) 327- 450W
	SPR-P17-3xx COM	mc-si (xxx=315-85 in steps of 1, 498 cells)
	SPR-E20-327	Back Contact Cell Mono Crystalline Maxeon) 327- 450W
	SPR-P19-xxx-COM	Monocrystalline, 380-405, in step of 1
	PVC385 MP	Sc-Si, 385 W
	SPR-MAX2-xxx-COM	Mono crystalline ,xxx= 340 - 360, in step of 5
	SPR-MAX2-xxx	Mono crystalline ,xxx= 340 - 360, in step of 5
	SPR-MAX3-xxx-COM	Mono crystalline ,xxx= 370-400, in step of 5
	SPR-MAX3-xxx	Mono crystalline ,xxx= 370-400, in step of 5
	SPR-P19-xxx-BLK	Mono crystalline ,xxx=310-335, in tsep of 5
	SPR-P3-xxx-COM	Mono crystalline, xxx= 400-415 W in step of 5 W
	SPR-P3-xxx-COM-1500	Mono crystalline, xxx= 400-415 W in step of 5 W
	SPR-P3-xxx-BLK	Mono crystalline, xxx= 315-335 W in step of 5 W
	SPR-P3-xxx-UPP	monocrystalline,xxx=475-500W , in step of 5W
	SPR-P3-xxx-COM-1500	monocrystalline,xxx=420
	SPR-MAX5-xxx-COM	monocrystalline,xxx=430-450W , in stepof 5W
	SPR-MAX5-xxx	monocrystalline,xxx=390-415W , in step of 5W
SPR-MAX3-xxx	monocrystalline,xxx=415-430W , in step of 5W	
SPR-P5-xxx-UPP	monocrystalline,xxx=520-550W , in step of 5W	

PV MODULES		
Manufacturer name	Product ID	Description
Solibro GmbH PV module	SL2 SL2-F	CIGS 125-150 CIGS 125-150
Sunset Energietechnik GmbH	ASxxx/72 ASxxx/60 ASxxx/50 ASxxx/36 PXxxx/72 PXxxx/60 PXxxx/50 PXxxx/36	250-345W in steps of 5 210-290W in steps of 5 180-235W in steps of 5 130-170W in steps of 5 240-340W in steps of 5 205-285W in steps of 5 175-235W in steps of 5 130-170W in steps of 5
SUNSTYLE INTERNATIONAL SAS	SUNSTYLE M58 SUNSTYLE M65 SUNSTYLE M75 SUNSTYLE M90 SUNSTYLE M115	sc-si , 58Wp sc-Si, 65 W +/- 8W sc-Si, 73 W +/- 8W sc-Si, 90 W +/- 8W sc-Si, 114W +/- 6W
Suzhou Akcome Optronics Science &Technology Co., Ltd	SK6612M-xxx SK6610M-xxx SK6612P-xxx SK6610P-xxx	Mono-crystalline Silicon, 340W-375W in steps of 5 Mono-crystalline Silicon, 280W-315W in steps of 5 Poly-crystalline Silicon, 320W-350W in steps of 5 Poly-crystalline Silicon, 265W-290W in steps of 5
Swelect Energy Systems Ltd	HST72F320P HST72F345P HST72F340M HST72F365M	sc-Si , 320WP- 345WP sc-Si ,320WP-345WP mc-Si,340Wp –365Wp mc-Si,340Wp –365Wp
Tata Power Solar Modules	TS XXX SBZ TPXXX SBZ TS XXX XBZ TP XXX XBZ TS XXX XBZ TP XXX XBZ TS XXX MBZ TP XXX MBZ TP XXX LBZ TS XXX SGZ TP XXX SGZ TS XXX XGZ TP XXX XGZ TS XXX XGZ TP XXX XGZ TS XXX MGZ TP XXX MGZ TP XXX LGZ TC XXX	130-160 W in steps of 5, 36 cells 130-160 W in steps of 5, 36 cells 175-215 W in steps of 5, 48 cells 175-215 W in steps of 5, 48 cells 200-245 W in steps of 5, 54 cells 200-245 W in steps of 5, 54 cells 220-270 W in steps of 5, 60 cells 220-270 W in steps of 5, 60 cells 265-325 W in steps of 5, 72 cells 155-170 W in steps of 5, 36 cells 155-170 W in steps of 5, 36 cells 185-225 W in steps of 5, 48 cells 185-225 W in steps of 5, 48 cells 210-255 W in steps of 5, 54 cells 210-255 W in steps of 5, 54 cells 230-285 W in steps of 5, 60 cells 230-285 W in steps of 5, 60 cells 280-340 W in steps of 5, 72 cells 295-320 W in steps of 5, 72 cells
TommaTech GmbH	TTxxx-60M TTxxx-72M TTxxx-54M TTxxx-36M TTxxx-72P TTxxx-60P TTxxx-54P TTxxx-36P	Mono Crystalline, xxx=235-290, in step of 5 Mono Crystalline, xxx=285-350, in step of 5 Mono Crystalline, xxx=210-260, in step of 5 Mono Crystalline, xxx=140-175, in step of 5 Poly Crystalline, xxx=285-335, in step of 5 Poly Crystalline, xxx=235-280, in step of 5 Poly Crystalline, xxx=210-250, in step of 5 Poly Crystalline, xxx=140-170, in step of 5
Trina Solar Co., Ltd.	TSM-xxxPDG5 TSM-xxxPDG5.50 TSM-xxx PEG5 TSM-xxx PEG5.50 TSM-xxxPEG14(II)	Poly c-Si 230-290 W, in steps of 5 Poly c-Si 230-290W, in steps of 5 Poly c-Si 230-290W, in steps of 5 Poly c-Si 230-290W, in steps of 5 mc-Si, 315-340 W, in step of 5

Trina Solar Co., Ltd.	TSM-xxxDE15M(II) TSM-xxxPD05 TSM-xxxDD05A(II) TSM-DD014A(II) TSM-DEG5(II) TSM-xxxPD14 TSM-DEG14(II) TSM-xxxDEG14C.07 (II) TSM-xxxDEG5C.07 (II) TSM-xxxDE05H(II) TSM-xxxPD14 TSM-xxxPEG14H TSM-xxxDEG14H(II) TSM-xxxDEG5H(II) TSM-xxxPEG5H(II) TSM-xxxDE14H(II) TSM-xxxPE05H(II) TSM-xxxDE15H (II) TSM-xxxPE14A TSM-DE06M(II) TSM-DEG6H20(II) TSM-DE15M(II) TSM-xxxPE15H.T0(II) TSM-xxxPE15M(II) TSM-xxxDEG17M.20(II) TSM-xxxDEG17MC.20(II) TSM-xxxDE17M(II) TSM-xxxDE17M.T0(II) TSM-DEG6M.20(II) TSM-DEG15M.20(II) TSM-DEG15MC.20(II) TSM-DE08M(II) TSM-DE18M(II) TSM-DEG18MC.20(II) TSM-DEG6MC.20(II) TSM-DE19 TSM-DE20 TSM-DEG19C.20 TSM-DEG20C.20 TSM-DE09.05 TSM-DE09.08 TSM-DE09 TSM-DEG21C.20 TSM-DE21	ms-Si, 355-420Wp, insteps of 5 mc-Si, 265-275W, in steps of 5 mono c-Si, 270-315W, in step of 5 mono c-Si, 325-375W, in step of 5 mc-Si, 260-315W, in step of 5 mc-Si 325-345, in step of 5 mc-Si, 325-375W, in step of 5 mc-Si 345-365 Wp, in step of 5 mc-Si 290-310 Wp, in step of 5 mc-Si 285-315, in step of 5 mc-Si, 320 watt mc-Si, 330-345 W, in step of 5 W mc-Si, 350-385 W, in step of 5 mc-Si, 295-320 W, in step of 5 mc-Si, 270-290 W, in step of 5 mc-Si, 355-395 W, in step of 5 mc-Si, 275-290 W, in step of 5 mc-Si, xxx=335-420, in step of 5 mc-Si, 320-340 W, in step of 5 mc-Si, 325-340W, in step of 5 mc-Si, 315-335W, in step of 5 mc-Si, 390-410W, in step of 5 mc-Si, xxx= 340-375 W in step of 5 W sc-Si, xxx= 385-405 W in step of 5 W sc-Si, xxx= 430-450 W in step of 5 W sc-Si, xxx= 430-445 W in step of 5 W sc-Si, xxx= 430-450 W in step of 5 W sc-Si, xxx= 430-450 W in step of 5 W sc-Si, 325-340 W in step of 5 W sc-Si, 390-410 W in step of 5 W sc-Si, 390-410 W in step of 5 W mono-Si, xxx=360-375 w, in step of 5W mono-Si,xxx=480-500 W , in step of 5W mono-Si,xxx=475-500 W , in step of 5W mono-si,xxx=300-345 W , in step of 5W mono-si,xxx=530-555 , in step of 5W mono-si,xxx=575-610 , in step of 5W mono-si,xxx=525-550 , in step of 5W mono-si,xxx=575-605 , in step of 5W mono-si,xxx=380-405 W , in step of 5W mono-si,xxx=380-405 W , in step of 5W mono-si,xxx=380-405 W , in step of 5W mono-si,xxx=640-675W , in step of 5 mono-si,xxx=645-670 W, in step of 5W
Tenka Solar	TKA-XXXM-108, XXX TKA-XXXM-144, XXX TKA-XXXM-132, XXX TKA-XXXM-144, XXX TKA-XXXM-156, XXX	Sc-Si, xxx=395-410 W, in step of 5W Sc-Si, xxx= 420-460 W, in step of 5W Sc-Si, xxx= 480- 500 W, in step of 5W Sc-Si, xxx=525-545 W, in step of 5W Sc-Si, xxx=565-595 W, in step of 5W
TSMC Solar Europe GmbH	TS-xxxC2 TS-xxxC1	CIGS 140-150W, in steps of 5 CIGS 140/150/155/165W
Upsolar Global CO,Ltd	Up-MxxxM Up-MxxxM Up-MxxxP Up-MxxxP	sc-Si 260-325W, in step of 5 sc-Si 310-390W, in step of 5 mc-Si 250-305W, instep of 5 mc-Si 300-370W, instep of 5

PV MODULES		
Manufacturer name	Product ID	Description
UAB Viasolis	PRIME144M	Sc-si , xxx=430-460W , in step of 5W
	PRIME30M	Sc-si, xxx=135-165W, in step of 5W
	PRIME36M	Sc-si, xxx=165-180W, in step of 5W
	PRIME40M	Sc-si, xxx=185-190W, in step of 5W
	PRIME42M	Sc-si, xxx=195-215W, in step of 5W
	PRIME48M	Sc-si, xxx=220-260W, in step of 5W
	PRIME50M	Sc-si, xxx=260-275W, in step of 5W
	PRIME54M	Sc-si, xxx=270-295W, in step of 5W
	PRIME60M	Sc-si, xxx=295-330W, in step of 5W
	PRIME66M	Sc-si, xxx=335-355W, in step of 5W
	PRIME72M	Sc-si, xxx=355-395W, in step of 5W
	PRIME120M	Sc-si, xxx=360-380W, in step of 5W
Viessmann Werke Gmbh & Co	UL-xxxM-120	mono-si, xxx=375-380 W, in steps of 5W
	UL-xxxM-144	mono-si, xxx=540 - 545, in steps of 5W
VIKRAM SOLAR PRIVATE LIMITED	VITOVOLT 300 Pxxx PSEB	mc-Si 250 – 260 W, in steps of 5 W
	ELDORA VSP.36.AAA.03	sc-Si 137-168 Wp
	ELDORA VSP.72.AAA.03	sc-Si 275-335 Wp
	ELDORA VSPB.60.AAA.03	sc-Si 228wp-279wp
	ELDORA VSPB.72.AAA.03	sc-Si 275Wp-335wp
	ELDORA VSPBB.60.AAA.03	sc-Si 228wp-279wp
	ELDORA VSP.60.AAA.03	sc-si 240-270W
	ELDORA VSP.72.AAA.03.04	mc-Si AAA=285-350Wp
	SOMERA VSM.72.AAA.03.04	sc-Si AAA=310-380WP
	ELDORA VSP.72.AAA.05	sc-Si, AAA =285-350W , in step of 5W
	ELDORA VSPBB.72.AAA.03.04	sc-Si, AAA=285-350W, in step of 5W
	SOMERA VSMHBB.60.AAA.03.04	sc-Si,270-330W ,in step of 5
WAAREE Energies Ltd.	WS-XXX	mc-Si 230-270 W, in steps of 5
	WS-XXX	mc-Si 280-320 W, in steps of 5
WUXI Suntech Power Co, Ltd	STPxxx-20/Wem	mc-si xxx=210-290 Wp
	STPxxx-24/Vem	mc-si xxx=220-350 Wp
	STPxxxS-20/Wem	sc-si xxx=210-310 Wp
	STPxxxS-24/Vem	sc-si xxx= 220-370 Wp
	STPXXX-20/WFW	Poly-crystalline, XXX=255W-285W
	STPXXX-24/VFW	Poly-crystalline, XXX=290W-350W
	STPXXXS-20/WFW	Mono-crystalline, XXX=265W-310W
	STPXXXS-24/VFW	Mono-crystalline, XXX=305W-370W
	STPXXX-20/WFH	Poly-crystalline, half cell, xxx=250W-305W
	STPXXX-24/VFH	Poly-crystalline, half cell XXX=300W-365W
	STPXXXS-A72/Pfh+	P-type Bifacial, 370W-410W
	STPXXXS-A60/Wfh	Mono-crystalline, XXX=300-335 W in step of 5 W
	STPXXXS-A72/Vfh	Mono-crystalline, XXX=360-405 W in step of 5 W
	STPXXXS-B72/Vnh	Monocrystalline, xxx=415W-445W
	STPXXXS-B60/Wnh	Monocrystalline, xxx=345W-370W
	STPXXXS-B72/Pnh+	P-type Bifacial, xxx=425W-450W
STPXXXS-B60/Pnh+	P-type Bifacial, xxx=350W-375W	
STPXXXS-C72/Vmh	sc-si, xxx=xxx=525W - 550W , in step of 5W	
WUXI SUNKET New Energy Technology Co; Ltd	SKTxxxM10	sc-si, xxx=560-605, in steps of 5
	SKTxxxM10	sc-si, xxx=520-555, in steps of 5
	SKTxxxM10	sc-si, xxx=475-510, in steps of 5
	SKTxxxM10	sc-si, xxx=430-465, in steps of 5
	SKTxxxM10	sc-si, xxx=390-415, in steps of 5
	SKTxxxM10	sc-si, xxx=345-370, in steps of 5
	SKTxxxM10	sc-si, xxx=300-325, in steps of 5
	SKTxxxM10	sc-si, xxx=260-280, in steps of 5
	SKTxxxM10	sc-si, xxx=215-230, in steps of 5
	SKTxxxM10	sc-si, xxx=175-185, in steps of 5
	SKTxxxM10	sc-si, xxx=150-160, in steps of 5
	SKTxxxM10	sc-si, xxx=130-140, in steps of 5
	SKTxxxM10	sc-si, xxx=110 and 115
	SKTxxxM10	sc-si, xxx=095 and 100
	SKTxxxM10	sc-si, xxx=065-070 , in step of 5W
	SKTxxxM10	sc-si, xxx=50
WeCo Italy Srl	WE-xxx/72P	Poly-crystalline xxx=310-370W in step of 20 W
	WE-xxx/60P	Poly-crystalline xxx=230 Wp, 270-280 Wp in step of 5 W
	WE-xxx/54P	Poly-crystalline xxx=255W
	AS-6M-xxxW	mono-crystalline 325-365, in increment of 5

WeCo Italy Srl	AS-6M30-xxxW AS-6M27-xxxW AS-6M18-xxxW AS-5M-xxxW AS-5M18-xxxW AS-6P-xxxW AS-6P30-xxxW AS-6P27-xxxW AS-6P18-xxxW AS-6M30-BHC AS-6M30-HC AS-6M120-HC As-6M144-HC As-6M-BHC AS-6M-HC	mono-crystalline 275-305, in increment of 5 mono-crystalline 245-275, in increment of 5 mono-crystalline 135-165, in increment of 5 mono-crystalline 175-210, in increment of 5 mono-crystalline 90-105, in increment of 5 Poly-crystalline 270-345, in increment of 5 Poly-crystalline 265-290, in increment of 5 Poly-crystalline 235-260, in increment of 5 Poly-crystalline 135-165, in increment of 5 mc-si,xxx=350-380W , in steep of 5W mc-si,xxx=350-380W , in steep of 5W mc-si,xxx=355-370W , in step of 5W mc-si,xxx=425-445W , in step of 5W mc-si,xxx=420-465W , in step of 5W mc-si,xxx=370-410W , in step of 5W
Yingli Solar	YLxxxP-29b YLxxxP-35b	multi 240-260kW in steps of 5 multi 290-310kW in steps of 5
Yingli Energy (China) Company Limited	YLXXCG2536F-1 YLXXCG25360F-1 YLXXD-36b YLXXD-30b YLXXP-29b 1500v YLXXP-35b 1500v YLXXP-35b YLXXP-29b YL270C-30b Yl-xxxD-44E 1/2 Yl-xxxD-49E 1/2 Yl-xxxDF72 E/2 Yl-xxxDF66 E/2	sc-si 310-375 W, in steps of 5 sc-si 260-310 W, in steps of 5 sc-si 340-390 W, in steps of 5 sc-si 280-325 W, in steps of 5 sc-si 275-305 W, in steps of 5 sc-si 330-365 W, in steps of 5 sc-si 310-350 W, in steps of 5 sc-si 260-290 W, in steps of 4 sc-si 270. sc-si, xxx=515-545W , in step of 5W sc-si, xxx = 475-495 W , in step of 5W sc-si, xxx=510-545W , in step of 5W sc-si, xxx=470-495W , in step of 5W
Zhejiang G&P New Energy Technology Co, Ltd	GPPxxx(72)	Crystalline Silicion , 285-340 in Step of 5
Zhejiang Trunsun Solar Co., Ltd	TSPxxx -72 TSPxxx -60	mc-Si 315-345 W, in Steps of 5 mc-Si 255-285 W, in Steps of 5

PV MODULES		
Manufacturer name	Product ID	Description
Zhejiang Xiongtai Photovoltaic Technology Co.	XTM6-36-XXX	sc-si 140-160 W, in steps of 5
	XTM6-48-XXX	sc-si 200-220 W, in steps of 5
	XTM6-54-XXX	sc-si 220-250 W, in steps of 5
	XTM6-60-XXX	sc-si 250-265 W, in steps of 5
	XTM6-72-XXX	sc-si 290-310 W, in steps of 5
	XTP6-36-XXX	mc-si 240-260 W, in steps of 5
	XTP6-48-XXX	mc-si 240-260 W, in steps of 5
	XTP6-54-XXX	mc-si 240-260 W, in steps of 5
	XTP6-60-XXX	mc-si 240-260 W, in steps of 5
	XTP6-72-XXX	mc-si 290-305 W, in steps of 5
Suzhou Talesun Solar Technologies Co., Ltd	TP672M-xxx	sc-Si 275-390 W, in steps of 5
	TP672M(H)-xxx	sc-Si 300-390 W, in steps of 5
	TP6H72M-xxx	sc-Si 335-390 W, in steps of 5
	TP6H72M(H)-xxx	sc-Si 335-390 W, in steps of 5
	TP660M-xxx	sc-Si 230-325 W, in steps of 5
	TP660M(H)-xxx	sc-Si 250-325 W, in steps of 5
	TP6H60M-xxx	sc-Si 280-325 W, in steps of 5
	TP6H60M(H)-xxx	sc-si 280-325 W, in steps of 5
	TP672P-xxx	mc-Si 285-360 W, in steps of 5
	TP672P(H)-xxx	mc-Si 285-360 W, in steps of 5
	TP6H72P-xxx	mc-Si 300-360 W, in steps of 5
	TP6H72P(H)-xxx	mc-Si 300-360 W, in steps of 5
	TP660P-xxx	mc-Si 230-300 W, in steps of 5
	TP660P(H)-xxx	mc-Si 235-300 W, in steps of 5
	TP6H60P-xxx	mc-Si 250-300 W, in steps of 5
	ZXM6-72-xxx/M	ZXM6-72-xxx/M
ZXM6-60-xxx/M		Mono-crystalline Silicon, xxx=230-270 W, 280-330 W in steps of 5
ZXM6-54-xxx/M		Mono-crystalline Silicon, xxx=200-240W, in steps of 5
ZXP6-72-xxx/P		Poly-crystalline Silicon, xxx=265-355W, in steps of 5
ZXP6-60-xxx/P		Poly-crystalline Silicon, xxx=220-295W, in steps of 5
ZXP6-54-xxx/P		Poly-crystalline Silicon, xxx=200-235W, in steps of 5
ZXM6-T60-xxx/M		Mono-crystalline Silicon, xxx= 300-315W in steps of 5
ZXM6-T72-xxx/M		Mono-crystalline Silicon, xxx=360-380W in steps of 5
ZXM6-TLD72-xxx/M		Mono-crystalline Silicon, xxx=360-385W in steps of 5
ZXM6-TLD60-xxx/M		Mono-crystalline Silicon, xxx=300-320W in steps of 5
ZXM6-LD72-xxx/M		Mono-crystalline Silicon, xxx=340-395W in steps of 5
ZXM6-LD60-xxx/M		Mono-crystalline Silicon, xxx= 280-330W in steps of 5
ZXP6-T72-xxx/P		Poly-crystalline Silicon, xxx=330-350W in steps of 5
ZXP6-T60-xxx/P		poly-crystalline Silicon, xxx=275-290W in steps of 5
ZXP6-TLD72-xxx/P		poly-crystalline Silicon, xxx=320-335W in steps of 5
ZXP6-TLD60-xxx/P		poly-crystalline Silicon, xxx=270-280W in steps of 5
ZXP6-LD72-xxx/P		poly-crystalline Silicon, xxx=315-355W in steps of 5
ZXP6-LD60-xxx/P		Poly-crystalline Silicon, xxx=260-295W in steps of 5
ZXM6-66-xxx/M		Mono-crystalline Silicon, xxx= 310-360 W in step of 5 W
ZXM6-H144-xxx/M		Mono-crystalline Silicon, xxx= 335-405 W in step of 5 W
ZXM6-P144-xxx/M		Mono-crystalline Silicon, xxx= 335-405 W in step of 5 W
ZXM6-H132-xxx/M		Mono-crystalline Silicon, xxx= 310-370 W in step of 5 W
ZXM6-P132-xxx/M		Mono-crystalline Silicon, xxx= 310-370 W in step of 5 W
ZXM6-H120-xxx/M		Mono-crystalline Silicon, xxx= 280-335 W in step of 5 W
ZXM6-P120-xxx/M		Mono-crystalline Silicon, xxx= 280-335 W in step of 5 W
ZXM6-LDD72-xxx/M		Mono-crystalline Silicon, xxx= 370-380 W in step of 5 W
ZXM6-LDD60-xxx/M		Mono-crystalline Silicon, xxx= 310-315 W in step of 5 W
ZXM6-LD66-xxx/M		Mono-crystalline Silicon, xxx= 310-360 W in step of 5 W
ZXM6-HLD144-xxx/M		Mono-crystalline Silicon, xxx= 335-405 W in step of 5 W
ZXM6-PLD144-xxx/M		Mono-crystalline Silicon, xxx= 335-405 W in step of 5 W
ZXM6-HLD132-xxx/M		Mono-crystalline Silicon, xxx= 310-370 W in step of 5 W
ZXM6-PLD132-xxx/M		Mono-crystalline Silicon, xxx= 310-370 W in step of 5 W
ZXM6-HLD120-xxx/M		Mono-crystalline Silicon, xxx= 280-335 W in step of 5 W
ZXM6-PLD120-xxx/M		Mono-crystalline Silicon, xxx= 280-335 W in step of 5 W
ZXP6-66-xxx/P		Poly-crystalline Silicon, xxx= 290-325 W in step of 5 W
ZXP6-H144-xxx/P		Poly-crystalline Silicon, xxx= 310-370 W in step of 5 W
ZXP6-P144-xxx/P		Poly-crystalline Silicon, xxx= 310-370 W in step of 5 W
ZXP6-H132-xxx/P		Poly-crystalline Silicon, xxx= 285-340 W in step of 5 W
ZXP6-P132-xxx/P		Poly-crystalline Silicon, xxx= 285-340 W in step of 5 W
ZXP6-H120-xxx/P		Poly-crystalline Silicon, xxx= 260-305 W in step of 5 W
ZXP6-P120-xxx/P	Poly-crystalline Silicon, xxx= 260-305 W in step of 5 W	
ZXP6-HLD144-xxx/P	Poly-crystalline Silicon, xxx= 310-370 W in step of 5 W	

ZNSHINE PV-TECH Co., Ltd

ZXM6-NH156-xxx/M  
ZXM6-NH144-xxx/M  
ZXM6-NH132-xxx/M  
ZXM6-NH120-xxx/M  
ZXM6-NHDB156-xxx/M  
ZXM6-NHDB144-xxx/M  
ZXM6-NHDB132-xxx/M  
ZXM6-NHDB120-xxx/M  
ZXM7-SH156-xxx/M  
ZXM7-SP156-xxx/M  
ZXM7-SH144-xxx/M  
ZXM7-SP144-xxx/M  
ZXM7-SH132-xxx/M  
ZXM7-SP132-xxx/M  
ZXM7-SH120-xxx/M  
ZXM7-SP120-xxx/M  
ZXM7-SH108-xxx/M  
ZXM7-SP108-xxx/M  
ZXM7-SHDB156-xxx/M  
ZXM7-SPDB156-xxx/M  
ZXM7-SHDB144-xxx/M  
ZXM7-SPDB144-xxx/M  
ZXM7-SHDB132-xxx/M  
ZXM7-SPDB132-xxx/M  
ZXM7-SHDB120-xxx/M  
ZXM7-SPDB120-xxx/M  
ZXM7-SHDB108-xxx/M  
ZXM7-SPDB108-xxx/M  
ZXM8-SH150-xxx/M  
ZXM8-SP150-xxx/M  
ZXM8-SH140-xxx/M  
ZXM8-SP140-xxx/M  
ZXM8-SH130-xxx/M  
ZXM8-SP130-xxx/M  
ZXM8-SH120-xxx/M  
ZXM8-SP120-xxx/M  
ZXM8-SH90-xxx/M  
ZXM8-SP90-xxx/M  
ZXM6-NHLDD144-xxx/M  
ZXM6-NHLDD132-xxx/M  
ZXM6-NHLDD120-xxx/M  
ZXM6-NHLD144-xxx/M  
ZXM6-NHLD132-xxx/M  
ZXM6-NHLD120-xxx/M  
ZXM7-SPLDD144-xxx/M  
ZXM7-SHLD144-xxx/M  
ZXM7-SPLDD132-xxx/M  
ZXM7-SHLD132-xxx/M  
ZXM7-SPLDD120-xxx/M  
ZXM7-SHLD120-xxx/M  
ZXM7-SPLD144-xxx/M  
ZXM7-SHLD144-xxx/M  
ZXM7-SPLD132-xxx/M  
ZXM7-SHLD132-xxx/M  
ZXM7-SPLD120-xxx/M  
ZXM7-SHLD120-xxx/M

Mono-crystalline Silicon,xxx=420-440,455-495  
Mono-crystalline Silicon,xxx=390-410, 420-455  
Mono-crystalline Silicon,xxx=385-415,in steps of 5  
Mono-crystalline Silicon,xxx=350-380,in steps of 5  
Mono-crystalline Silicon,xxx=455-495,in steps of 5  
Mono-crystalline Silicon,xxx=420-455,in steps of 5  
Mono-crystalline Silicon,xxx=385-415,in steps of 5  
Mono-crystalline Silicon,xxx=350-380,in steps of 5  
Mono-crystalline Silicon,xxx=565-600,in steps of 5  
Mono-crystalline Silicon,xxx=565-600,in steps of 5  
Mono-crystalline Silicon,xxx=525-550,in steps of 5  
Mono-crystalline Silicon,xxx=525-550,in steps of 5  
Mono-crystalline Silicon,xxx=480-505,in steps of 5  
Mono-crystalline Silicon,xxx=480-505,in steps of 5  
Mono-crystalline Silicon,xxx=435-460,in steps of 5  
Mono-crystalline Silicon,xxx=435-460,in steps of 5  
Mono-crystalline Silicon,xxx=395-415,in steps of 5  
Mono-crystalline Silicon,xxx=395-415,in steps of 5  
Mono-crystalline Silicon,xxx=565-600,in steps of 5  
Mono-crystalline Silicon,xxx=565-600,in steps of 5  
Mono-crystalline Silicon,xxx=525-550,in steps of 5  
Mono-crystalline Silicon,xxx=525-550,in steps of 5  
Mono-crystalline Silicon,xxx=480-505,in steps of 5  
Mono-crystalline Silicon,xxx=480-505,in steps of 5  
Mono-crystalline Silicon,xxx=435-460,in steps of 5  
Mono-crystalline Silicon,xxx=435-460,in steps of 5  
Mono-crystalline Silicon,xxx=395-415,in steps of 5  
Mono-crystalline Silicon,xxx=395-415,in steps of 5  
Mono-crystalline Silicon,xxx=480-515,in steps of 5  
Mono-crystalline Silicon,xxx=480-515,in steps of 5  
Mono-crystalline Silicon,xxx=450-480,in steps of 5  
Mono-crystalline Silicon,xxx=450-480,in steps of 5  
Mono-crystalline Silicon,xxx=420-445,in steps of 5  
Mono-crystalline Silicon,xxx=420-445,in steps of 5  
Mono-crystalline Silicon,xxx=385-410,in steps of 5  
Mono-crystalline Silicon,xxx=385-410,in steps of 5  
Mono-crystalline Silicon,xxx=290-310,in steps of 5  
Mono-crystalline Silicon,xxx=290-310,in steps of 5  
Mono-crystalline Silicon,xxx=420-455,in steps of 5  
Mono-crystalline Silicon,xxx=385-415,in steps of 5  
Mono-crystalline Silicon,xxx=350-380,in steps of 5  
Mono-crystalline Silicon,xxx=420-455,in steps of 5  
Mono-crystalline Silicon,xxx=385-415,in steps of 5  
Mono-crystalline Silicon,xxx=320-340,350-375, in steps of 5  
Mono-crystalline Silicon,xxx=520-550,in steps of 5  
Mono-crystalline Silicon,xxx=520-550,in steps of 5  
Mono-crystalline Silicon,xxx=480-505,in steps of 5  
Mono-crystalline Silicon,xxx=480-505,in steps of 5  
Mono-crystalline Silicon,xxx=435-460,in steps of 5  
Mono-crystalline Silicon,435-460,in steps of 5  
Mono-crystalline Silicon,xxx=520-550,in steps of 5  
Mono-crystalline Silicon,xxx=520-550,in steps of 5  
Mono-crystalline Silicon,xxx=480-505,in steps of 5  
Mono-crystalline Silicon,xxx=480-505,in steps of 5  
Mono-crystalline Silicon,xxx=435-460,in steps of 5  
Mono-crystalline Silicon,xxx=435-460,in steps of 5



PV MODULES		
Manufacturer name	Product ID	Description
ZNSHINE PV-TECH Co., Ltd	ZXP6-PLD144-xxx/P	Poly-crystalline Silicon, xxx=310-370 W in step of 5 W
	ZXP6-HLD132-xxx/P	Poly-crystalline Silicon, xxx=285-340 W in step of 5 W
	ZXP6-PLD132-xxx/P	Poly-crystalline Silicon, xxx=285-340 W in step of 5 W
	ZXP6-HLD120-xxx/P	Poly-crystalline Silicon, xxx=260-305 W in step of 5 W
	ZXP6-PLD120-xxx/P	Poly-crystalline Silicon, xxx=260-305 W in step of 5 W
	ZXP6-LD66-xxx/P	Poly-crystalline Silicon, xxx=290-325 W in step of 5 W
	ZXM6-78-xxx/M	Mono-crystalline Silicon xxx=400-430, in steps of 5W
	ZXM6-72-XXX/M	Mono-crystalline Silicon xxx=355-400, in steps of 5W
	ZXM6-66-XXX/M	Mono-crystalline Silicon xxx=340-365, in steps of 5W
	ZXM6-H156-xxx/M	Mono-crystalline Silicon xxx=415-435, in steps of 5W
	ZXM6-NH156-xxx/M	Mono-crystalline Silicon xxx=420-440,455-485, in steps of 5
	ZXM6-NH144-xxx/M	Mono-crystalline Silicon xxx=390-405,420-450, in steps of 5W
	ZXM6-NH132-xxx/M	Mono-crystalline Silicon xxx=355-375,385-410 in steps of 5W
	ZXM6-NH120-xxx/M	Mono-crystalline Silicon xxx=325-340,350-375 in steps of 5W
	ZXM6-LD72-xxx/M	Mono-crystalline Silicon xxx=340-400, in steps of 5W
	ZXM6-LD66-xxx/M	Mono-crystalline Silicon xxx=310-365, in steps of 5W
	ZXM6-NHLD144-xxx/M	Mono-crystalline Silicon xxx=380-410,425-450 in steps of 5W
	ZXM6-NHLD132-xxx/M	Mono-crystalline Silicon xxx=350-375,390-410 in steps of 5W
	ZXM6-NHLD120-xxx/M	Mono-crystalline Silicon xxx=320-340,355-375 in steps of 5W
	ZXM6-LDD72-xxx/M	Mono-crystalline Silicon xxx=370-400, in steps of 5W
	ZXM6-LDD66-xxx/M	Mono-crystalline Silicon xxx=350-365, in steps of 5W
	ZXM6-LDD60-xxx/M	Mono-crystalline Silicon xxx=310-330, in steps of 5W
	ZXM6-NHLLD144-xxx/M	Mono-crystalline Silicon xxx=385-410,430-450 in steps of 5W
	ZXM6-NHLLD132-xxx/M	xxx=360-375,395-410 in steps of 5, 132 cells
	ZXM6-NHLLD120-xxx/M	Mono-crystalline Silicon xxx=325-340,360-375 in steps of 5W
	ZXM6-HLDD144-xxx/M	Mono-crystalline Silicon xxx=380-405, in steps of 5W
	ZXM6-HLDD132-xxx/M	Mono-crystalline Silicon xxx=350-370, in steps of 5W
	ZXM6-HLDD120-xxx/M	Mono-crystalline Silicon xxx=320-335, in steps of 5W
	ZXM6-66-XXX/M	Mono-crystalline Silicon,xxx=340-365, in steps of 5W
	ZXM6-H156-XXX/M	Mono-crystalline Silicon,xxx=415-435, in steps of 5W
	ZXM6-NH156-XXX/M	Mono-crystalline Silicon,xxx=420-440, 455-495, in steps of 5W
	ZXM6-NH144-XXX/M	Mono-crystalline Silicon,xxx=390-410, 420-455, in steps of 5W
	ZXM6-NH132-XXX/M	Mono-crystalline Silicon,xxx=355-375, 385-415 in steps of 5W
	ZXM6-NH120-XXX/M	Mono-crystalline Silicon,xxx=325-340, 350-380 in steps of 5W
	ZXM6-NHLD144-XXX/M	Mono-crystalline Silicon,xxx=380-410, 425-450 in steps of 5W
	ZXM6-NHLD132-XXX/M	Mono-crystalline Silicon,xxx=350-375, 390-410 in steps of 5W
	ZXM6-NHLD120-XXX/M	Mono-crystalline Silicon,xxx=320-340, 355-375 in steps of 5W
	ZXM6-LDD72-XXX/M	Mono-crystalline Silicon,xxx=380-400, in steps of 5W
	ZXM6-LDD66-XXX/M	Mono-crystalline Silicon,xxx=350-365, in steps of 5W
	ZXM6-LDD60-XXX/M	Mono-crystalline Silicon,xxx=320-330, in steps of 5W
	ZXM6-NHLLD144-XXX/M	Mono-crystalline Silicon,xxx=385-410, 430-450 in steps of 5W
	ZXM6-NHLLD132-XXX/M	Mono-crystalline Silicon,xxx=360-375, 395-410 in steps of 5W
	ZXM6-NHLLD120-XXX/M	Mono-crystalline Silicon,xxx=325-340, 360-375 in steps of 5W
	ZXM6-HLDD144-XXX/M	Mono-crystalline Silicon,xxx=380-405, in steps of 5W
	ZXM6-HLDD132-XXX/M	Mono-crystalline Silicon,xxx=350-370, in steps of 5W
	ZXM6-HLDD120-XXX/M	Mono-crystalline Silicon,xxx=320-335, in steps of 5W
	ZXM6-LD66-xxx/M	Mono-crystalline Silicon,xxx=350-365, in steps of 5W
	ZXM6-LD72-XXX/M	Mono-crystalline Silicon,xxx=380-400, in steps of 5W
	ZXM6-72-XXX/M	Mono-crystalline Silicon,xxx=355-400, in steps of 5W

PV INVERTERS			
Manufacturer name	Product ID	Description	Usage Category
ABB	PVI-3.0-TL-OUTD(-S)	3kW	Residential, Commercial and Light Industrial Environment
	PVI-3.6-TL-OUTD(-S)	3.6kW	Residential, Commercial and Light Industrial Environment
	PVI-4.2-TL-OUTD(-S)	4.2kW	Residential, Commercial and Light Industrial Environment
	PVI-5000-TL-OUTD(-S)	5kW	Residential, Commercial and Light Industrial Environment
	PVI-6000-TL-OUTD(-S)	6kW	Residential, Commercial and Light Industrial Environment
	PVI-10.0-TL-OUTD(-S)(-FS)	10 kW	Residential, Commercial and Light Industrial Environment
	PVI-12.5-TL-OUTD(-S)(-FS)	12.5 kW	Residential, Commercial and Light Industrial Environment
	TRIO - 5.8 - TL - OUTD	5.8 kW	Residential, Commercial and Light Industrial Environment
	TRIO - 7.5 - TL - OUTD	7.5 kW	Residential, Commercial and Light Industrial Environment
	TRIO - 8.5 - TL - OUTD	8.5 kW	Residential, Commercial and Light Industrial Environment
	TRIO - 20.0 - TL - OUTD	20 kW	Residential, Commercial and Light Industrial Environment
	TRIO - 27.6 - TL - OUTD	27.6 kW	Residential, Commercial and Light Industrial Environment
	TRIO-50.0-TL-OUTD	50 kW	All - Residential, Commercial and Industrial Environment
	ULTRA -700.0 TL -OUTD	700 kW	Industrial Environment
	ULTRA -1050.0 TL -OUTD	1050 kW	Industrial Environment
	TRIO-TM-50.0-400	50kW	All - Residential, Commercial and Industrial Environment
	TRIO-TM-60.0-480	60kW	All - Residential, Commercial and Industrial Environment
	ULTRA -1400.0 TL -OUTD	1400 kW	Industrial Environment
	PVS-100/120-TL	100kW/120kW	Industrial Environment
	PVS-100-TL	100 kW	All - Residential, Commercial and Industrial Environment
	PVS-120-TL	120 kW	All - Residential, Commercial and Industrial Environment
	UNO-DM-xxx-TL-PLUS	1.2/2.0/3.3/4.0/4.6/5.0 kW	All - Residential, Commercial and Industrial Environment
	PVS800-57B-1645kW-C	1645 kW	Industrial Environment
	PVS800-57B-1732kW-C	1732 kW	Industrial Environment
	UNO-DM-5.0-TL-PLUS-SB-QU	5 KW	All - Residential, Commercial and Industrial Environment
	UNO-DM-5.0-TL-PLUS-B-QU	5 KW	All - Residential, Commercial and Industrial Environment
	UNO-DM-1.2/2.0/3.0/3.3/4.0/4.6-TL-PLUS-SB-Q	1.2/2.0/3.0/3.3/4.0/4.6 kW	All - Residential, Commercial and Industrial Environment
	UNO-DM-1.2/2.0/3.0/3.3/4.0/4.6-TL-PLUS-B-Q	1.2/2.0/3.0/3.3/4.0/4.6 kW	All - Residential, Commercial and Industrial Environment
	PVS980-58-1818kVA-I	1818	Industrial Environment
	PVS980-58-1909kVA-J	1909	Industrial Environment
	PVS980-58-2000-K	2000	Industrial Environment
	PVS980-58-2091kVA-L	2091	Industrial Environment
	PVS-175-TL-S	175kW	Industrial Environment
	PVS-175-TL-S2	175kW	Industrial Environment
	PVS-175-TL-SX	175kW	Industrial Environment
	PVS-175-TL-SX2	175kW	Industrial Environment
	PVS-50-TL	50kW	All - Residential, Commercial and Industrial Environmen
	PVS-50-TL-S	50kW	All - Residential, Commercial and Industrial Environmen
	PVS-50-TL-SX	50kW	All - Residential, Commercial and Industrial Environmen
	PVS-50-TL-SX2	50kW	All - Residential, Commercial and Industrial Environmen
	PVS-60-TL	60kW	All - Residential, Commercial and Industrial Environmen
	PVS-60-TL-S	60kW	All - Residential, Commercial and Industrial Environmen
	PVS-60-TL-SX	60kW	All - Residential, Commercial and Industrial Environmen
PVS-60-TL-SX2	60kW	All - Residential, Commercial and Industrial Environmen	
FIMER	PVS-20-TL-SX	20W	All - Residential, Commercial and Industrial Environment
	PVS-20-TL-SY	20W	All - Residential, Commercial and Industrial Environment
	PVS-20-TL-SXD	20W	All - Residential, Commercial and Industrial Environment
	PVS-30-TL-SX	30W	All - Residential, Commercial and Industrial Environment
	PVS-30-TL-SY	30W	All - Residential, Commercial and Industrial Environment
	PVS-33-TL-SX	33W	All - Residential, Commercial and Industrial Environment
	PVS-33-TL-SY	33W	All - Residential, Commercial and Industrial Environment
	PVS-12.5-TL-SX	12.5W	All - Residential, Commercial and Industrial Environment
	PVS-12.5-TL-SY	12.5W	All - Residential, Commercial and Industrial Environment
	PVS-15-TL-SX	15W	All - Residential, Commercial and Industrial Environment
	PVS-15-TL-SY	15W	All - Residential, Commercial and Industrial Environment
	PVS-10-TL-SX	10W	All - Residential, Commercial and Industrial Environment
	PVS-10-TL-SY	10W	All - Residential, Commercial and Industrial Environment
		Primo 3.0 -1	3.0kW
Primo 3.5 -1		3.5kW	All - Residential, Commercial and Industrial Environment
Primo 3.6 -1		3.6kW	All - Residential, Commercial and Industrial Environment
Primo 4.0 -1		4kW	All - Residential, Commercial and Industrial Environment
Primo 4.6 -1		4.6kW	All - Residential, Commercial and Industrial Environment
Primo 5.0-1		5kW	All - Residential, Commercial and Industrial Environment
Primo 6.0-1		6kW	All - Residential, Commercial and Industrial Environment
Primo 8.2-1		8.2kW	All - Residential, Commercial and Industrial Environment
Fronius Symo 3.0-3-M		3 kW	All - Residential, Commercial and Industrial Environment
Fronius Symo 3.7-3-M		3.7 kW	All - Residential, Commercial and Industrial Environment



PV INVERTERS			
Manufacturer name	Product ID	Description	Usage Category
Canadian Solar Inc.	CSI-20KTL-GI-FL	20kW	All - Residential, Commercial and Industrial Environment
	CSI-25KTL-GI-FL	25kW	All - Residential, Commercial and Industrial Environment
	CSI-30KTL-GI-FL	30kW	All - Residential, Commercial and Industrial Environment
	CSI-40KTL-GI-HFL	40kW	All - Residential, Commercial and Industrial Environment
	CSI-40KTL-GI-FL	40kW	Industrial Environment
	CSI-50KTL-GI	50kW	Industrial Environment
	CSI-50KTL-GI-HFL	50kW	Industrial Environment
	CSI-60KTL-GI-H	60kW	Industrial Environment
Gree Electric Appliances, Inc. of Zhuhai	GMV-Y224WM/C-X	20kW	All - Residential, Commercial and Industrial Environment
	GMV-Y280WM/C-X	20kW	All - Residential, Commercial and Industrial Environment
	GMV-Y335WM/C-X	20kW	All - Residential, Commercial and Industrial Environment
Jiangsu GoodWe Power Supply Technology Co., Ltd.	GW50K-MT	50 kW	Industrial Environment
	GW60K-MT	60 kW	Industrial Environment
Huawei	SUN2000-8KTL	8 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-12KTL	12 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-17KTL	17 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-20KTL	20 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-36KTL	36 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-42KTL	42 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-50KTL-M0	50 kW	All - Residential, Commercial and Industrial Environment
	SUN 2000 -60KTL- M0	60 kW	All - Residential, Commercial and Industrial Environment
	SUN2000(10)KTL-M0	10KW	All - Residential, Commercial and Industrial Environment
	SUN2000(12)KTL-M0	12KW	All - Residential, Commercial and Industrial Environment
	SUN2000(15)KTL-M0	15KW	All - Residential, Commercial and Industrial Environment
	SUN2000(17)KTL-M0	17KW	All - Residential, Commercial and Industrial Environment
	SUN2000(20)KTL-M0	20KW	All - Residential, Commercial and Industrial Environment
	SUN2000-3KTL_M0	3 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-4KTL_M0	4 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-5KTL_M0	5 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-6KTL_M0	6 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-8KTL_M0	8 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-10KTL_M0	10 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-65KTL-M0	65 kW	Industrial Environment
	SUN2000-185 KTL-H1	185 kW	Industrial Environment
	SUN2000-105 KTL-H1	105 kW	Industrial Environment
	SUN2000 100 KTL-M1	100 kW	All - Residential, Commercial and Industrial Environment
	SUN 2000 200KTL-H2	200 kW	Industrial Environment
	SUN 2000 12KTL-M2	12KW	All - Residential, Commercial and Industrial Environment
	SUN 2000 15KTL-M2	15 kW	All - Residential, Commercial and Industrial Environment
	SUN 2000 17KTL-M4	17KW	All - Residential, Commercial and Industrial Environment
	SUN 2000 200KTL-M2	20 kW	All - Residential, Commercial and Industrial Environment
	SUN 2000 200KTL-H2	200 kW	Industrial Environment
	SUN 2000 12/15/17/20 KTL-M2	12/15/17/20 kW	All - Residential, Commercial and Industrial Environment
	SUN 2000 30/36/40 KTL-M3	30/36/40 kW	All - Residential, Commercial and Industrial Environment
	SUN2000 3/4/5/6/8/10KTL-M1	3/4/5/6/8/10 kW	All - Residential, Commercial and Industrial Environment
Ingeteam	INGECON SUN 2.5 TL M	2.5 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 2.7 TL M	2.7 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 3 TL M	3 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 3.3 TL M	3.3 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 3.68 TL M	3.68 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 4.6 TL M	4.68 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 5 TL M	5 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 5.5 TL M	5.5 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 6 TL M	6 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 10 TL M	10 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 12.5 TL M	12.5 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 15 TL M	15 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 20 TL M	20 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 10 TL	10 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 12.5 TL	12.5 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 15 TL	15 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 20 TL	20 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 3 PLAY 10 TL	10 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 3 PLAY 12.5 TL	12.5 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 3 PLAY 15 TL	15 kW	All - Residential, Commercial and Industrial Environment
INGECON SUN 3 PLAY 20 TL	20 kW	All - Residential, Commercial and Industrial Environment	

PV INVERTERS			
Manufacturer name	Product ID	Description	Usage Category
Ingeteam	INGECON SUN 3 PLAY 28 TL	28 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 3 PLAY 33 TL	33 kW	
	INGECON SUN 3 PLAY 10 TLM	10 kW	
	INGECON SUN 3 PLAY 12.5 TLM	12.5 kW	
	INGECON SUN 3 PLAY 15 TLM	15 kW	
	INGECON SUN 3 PLAY 20 TLM	20 kW	
	INGECON SUN 3 PLAY 24 TLM	24 kW	
	INGECON SUN 3 PLAY 28 TLM	28 kW	
	INGECON SUN 3 PLAY 33 TLM	33 kW	
	INGECON SUN 3 PLAY 40 TLM	40 kW	
	INGECON SUN 275TL M220	304.8 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 275TL X220	304.8 kW	
	INGECON SUN 350TL M275	381.1 kW	
	INGECON SUN 350TL X275	381.1 kW	
	INGECON SUN 380TL M300	415.7 kW	
	INGECON SUN 380TL X300	415.7 kW	
	INGECON SUN 400TL M320	443.4 kW	
	INGECON SUN 400TL X320	443.4 kW	
	INGECON SUN 440TL M345	478 kW	
	INGECON SUN 440TL X345	478 kW	
	INGECON SUN 460TL M360	498.8 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 460TL X360	498.8 kW	
	INGECON SUN 500TL M400	554.3 kW	
	INGECON SUN 500TL X400	554.3kW	
	INGECON SUN 535TL M420	582 kW	
	INGECON SUN 535TL X420	582 kW	
	INGECON SUN 410TL M220	457.3 kW	
	INGECON SUN 410TL X220	457.3 kW	
	INGECON SUN 520TL M275	571.6 kW	
	INGECON SUN 520TL X275	571.6 kW	
	INGECON SUN 570TL M300	623.5 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 570TL X300	623.5 kW	
	INGECON SUN 605TL M320	665.1 kW	
	INGECON SUN 605TL X320	665.1 kW	
	INGECON SUN 660TL M345	717.1 kW	
	INGECON SUN 660TL X345	717.1 kW	
	INGECON SUN 690TL M360	748.2 kW	
	INGECON SUN 690TL X360	748.2 kW	
	INGECON SUN 750TL M400	831.4 kW	
	INGECON SUN 750TL X400	831.4 kW	
	INGECON SUN 805TL M420	873 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 805TL X420	873 kW	
	INGECON SUN 550TL M220	609.7 kW	
	INGECON SUN 550TL X220	609.7 kW	
	INGECON SUN 695TL M275	762.1 kW	
	INGECON SUN 695TL X275	762.1 kW	
	INGECON SUN 760TL M300	831.4 kW	
	INGECON SUN 760TL X300	831.4 kW	
	INGECON SUN 800TL M320	886.8 kW	
	INGECON SUN 800TL X320	886.8 kW	
INGECON SUN 880TL M345	956.1 kW	Industrial Environment	
INGECON SUN 880TL X345	956.1 kW		
INGECON SUN 920TL M360	997.7 kW		
INGECON SUN 920TL X360	997.7 kW		
INGECON SUN 1000TL M400	1108.5 kW		
INGECON SUN 1000TL X400	1108.5 kW		
INGECON SUN 1070TL M420	1163.9 kW		
INGECON SUN 1070TL X420	1163.9 kW		
INGECON SUN 830TL B300	830 kW		
INGECON SUN 860TL B310	860 kW		
INGECON SUN 890TL B320	890 kW		
INGECON SUN 915TL B330	915 kW		
INGECON SUN 940TL B340	940 kW		
INGECON SUN 970TL B350	970 kW		
INGECON SUN 1000TL B360	1000 kW		
INGECON SUN 1025TL B370	1025 kW		

PV INVERTERS			
Manufacturer name	Product ID	Description	Usage Category
	INGECON SUN 1050TL B380	1050 kW	Industrial Environment
	INGECON SUN 1070TL B385	1070 kW	Industrial Environment
	INGECON SUN 1080TL B390	1080 kW	Industrial Environment
	INGECON SUN 1110TL B400	1110 kW	Industrial Environment
	INGECON SUN 1140TL B410	1140 kW	Industrial Environment
	INGECON SUN1165TL B420	1165 kW	Industrial Environment
	INGECON SUN 1170TL B450	1170W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1195TL B460	1195W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1220TL B470	1220W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1247TL B480	1247W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1273TL B490	1273W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1300TL B500	1300W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1325TL B510	1325W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1350TL B520	1350W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1376TL B530	1376W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1400TL B540	1400W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1430TL B550	1430W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1455TL B560	1455W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1480TL B570	1480W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1500TL B578	1500W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1532TL B590	1532W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1560TL B600	1560W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1600TL B615	1600W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1640TL B630	1640W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 830TL B300	830W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 860TL B310	860W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 890TL B320	890W	All - Residential, Commercial and Industrial Environment
Ingeteam	INGECON SUN STORAGE 915TL B330	915W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 940TL B340	940W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 970TL B350	970W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1000TL B360	1000W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1025TL B370	1025W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1050TL B380	1050W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1070TL B385	1070W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1080TL B390	1080W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1110TL B400	1110W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1140TL B410	1140W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1165TL B420	1165W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1170TL B450	1170W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1195TL B460	1195W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1220TL B470	1220W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1247TL B480	1247W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1273TL B490	1273W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1300TL B500	1300W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1325TL B510	1325W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1350TL B520	1350W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1376TL B530	1376W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1400TL B540	1400W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1430TL B550	1430W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1455TL B560	1455W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1480TL B570	1480W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1500TL B578	1500W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1532TL B590	1532W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1560TL B600	1560W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1600TL B615	1600W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1640TL B630	1640W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 720TL B260	720W	Industrial Environment

PV INVERTERS			
Manufacturer name	Product ID	Description	Usage Category
Ingeteam	INGECON SUN 748TL B270	748W	Industrial Environment
	INGECON SUN 1190TL B430	1190W	Industrial Environment
	INGECON SUN 1220TL B440	1220W	Industrial Environment
	INGECON SUN 1250TL B450	1250W	Industrial Environment
	INGECON SUN 1275TL B460	1275W	Industrial Environment
	INGECON SUN 1580TL B630	1580W	Industrial Environment
	INGECON SUN 1665TL B640	1665W	Industrial Environment
	INGECON SUN 1690TL B650	1690W	Industrial Environment
	INGECON SUN 1715TL B660	1715W	Industrial Environment
	INGECON SUN 1740TL B670	1740W	Industrial Environment
	INGECON SUN 1767TL B680	1767W	Industrial Environment
	INGECON SUN 1800TL B690	1800W	Industrial Environment
	INGECON SUN 1820TL B700	1820W	Industrial Environment
	INGECON SUN STORAGE 720TL B260	720W	Industrial Environment
	INGECON SUN STORAGE 748TL B270	748W	Industrial Environment
	INGECON SUN STORAGE 1190TL B430	1190W	Industrial Environment
	INGECON SUN STORAGE 1220TL B440	1220W	Industrial Environment
	INGECON SUN STORAGE 1250TL B450	1250W	Industrial Environment
	INGECON SUN STORAGE 1275TL B460	1275W	Industrial Environment
	INGECON SUN STORAGE 1303TL B470	1303W	Industrial Environment
	INGECON SUN STORAGE 1665TL B640	1665W	Industrial Environment
	INGECON SUN STORAGE 1690TL B650	1690W	Industrial Environment
	INGECON SUN STORAGE 1715TL B660	1715W	Industrial Environment
	INGECON SUN STORAGE 1740TL B670	1740W	Industrial Environment
	INGECON SUN STORAGE 1767TL B680	1767W	Industrial Environment
	INGECON SUN STORAGE 1800TL B690	1800W	Industrial Environment
INGECON SUN STORAGE 1820TL B700	1820W	Industrial Environment	
INGECON SUN 3Play 100 TL	90kW@360V/95kW@380V/100kW@400V/105kW@420V/110kW@440V	All - Residential, Commercial and Industrial Environment	
KACO New Energy GmbH	Blueplanet 50.0 TL3 M1 WM OD IIGM	50 kW	All-Residential, Commercial and industrial Environment
	Blueplanet 50.0 TL3 M1 WM OD IIGX	50 kW	All-Residential, Commercial and industrial Environment
	Blueplanet 50.0 TL3 M1 WM OD IIGB	50 kW	All-Residential, Commercial and industrial Environment
	Blueplanet 50.0 TL3 M1 WM OD IIGS	50 kW	All-Residential, Commercial and industrial Environment
	Blueplanet 50.0 TL3 M1 WM OD FRGX	50 kW	All-Residential, Commercial and industrial Environment
	bluplanet 20.0 TL3 M2 WM OD IIGO	20 kW	All-Residential, Commercial and industrial Environment
	bluplanet 15.0 TL3 M2 WM OD IIGO	15 kW	All-Residential, Commercial and industrial Environment
	blueplanet 3.0 TL3	3 kW	All-Residential, Commercial and industrial Environment
	blueplanet 4.0 TL3	4 kW	All-Residential, Commercial and industrial Environment
	blueplanet 5.0 TL3	5 kW	All-Residential, Commercial and industrial Environment
	blueplanet 6.5 TL3	6.5 kW	All-Residential, Commercial and industrial Environment
	blueplanet 7.5 TL3	7.5 kW	All-Residential, Commercial and industrial Environment
	blueplanet 8.6 TL3	8.6 kW	All-Residential, Commercial and industrial Environment
	blueplanet 9 TL3	9 kW	All-Residential, Commercial and industrial Environment
	blueplanet 10 TL3	10 kW	All-Residential, Commercial and industrial Environment
	blueplanet 87.0 TL3 M1 WM OD IIF0	87kW	industrial Environment
blueplanet 92.0 TL3M1 WM OD IIG0	92 kW	industrial Environment	
blueplanet 125 TL3 WM OD IIP0	125 kW	industrial Environment	
blueplanet 137 TL3 WM OD IIP0	137 kW	industrial Environment	
Lti REEnergy GmbH	PVM3.57.300.EM	300 kW	Industrial Environment
	PVMS.40K	40 kW	All - Residential, Commercial and Industrial Environment
	PVMS.46K	46 kW	Industrial Environment
	PVMS.20K	30 kW	All - Residential, Commercial and Industrial Environment
	PVMS.23K	34.5 kW	All - Residential, Commercial and Industrial Environment
	PVMS.20K	20 Kw	All - Residential, Commercial and Industrial Environment
	PVMS.23K	23 Kw	All - Residential, Commercial and Industrial Environment
Shneider Electric	Conext CL20000E	20 kW	All - Residential, Commercial and Industrial Environment
	Conext CL60E	60 kW	Residential, commercial and light Industrial Environment
	Conext CL36	36 kW	Residential, commercial and light Industrial Environment
	Conext CL25000E	25 kW	All - Residential, Commercial and Industrial Environment
	CL 33	33kW	All - Residential, Commercial and Industrial Environment
	CL50	50 kW	All - Residential, Commercial and Industrial Environment
SMA	STP 15000TL-30	15 kW	All - Residential, Commercial and Industrial Environment
	STP 20000TL-30	20 kW	All - Residential, Commercial and Industrial Environment
	STP 25000TL-30	25 kW	All - Residential, Commercial and Industrial Environment
	STP50-40	50 kW	All - Residential, Commercial and Industrial Environment
	MLX / STP 60	60 kW	All - Residential, Commercial and Industrial Environment
	SB3.0-1AV-40	3 kW	All - Residential, Commercial and Industrial Environment
SB3.6-1AV-40	3.68 kW	All - Residential, Commercial and Industrial Environment	

PV INVERTERS			
Manufacturer name	Product ID	Description	Usage Category
SMA	SB4.0-1AV-40	4 kW	All - Residential, Commercial and Industrial Environment
	SB5.0-1AV-40	5 kW	All - Residential, Commercial and Industrial Environment
	SHP75-10	75 kW	Industrial Environment
	STP-110-60	110 kW	Industrial Environment
Sungrow Power Supply Co., Ltd	SG36KTL-M	36 kW	All - Residential, Commercial and Industrial Environment
	SG110CX	110kVA@45C - 100 kVA@50C	All - Residential, Commercial and Industrial Environment
	SG60KTL	60 kW	All - Residential, Commercial and Industrial Environment
	SG33CX	33 kW	All - Residential, Commercial and Industrial Environment
	SG40CX	40 kW	All - Residential, Commercial and Industrial Environment
	SG50CX	50 kW	All - Residential, Commercial and Industrial Environment
	SG250HX-IN	200 kW	Industrial, Environment
	SG250HX	225 kW	Industrial, Environment
	SG5KTL-MT	5kW	All - Residential, Commercial and Industrial Environment
	SG6KTL-MT	6kW	All - Residential, Commercial and Industrial Environment
	SG8KTL-M	8kW	All - Residential, Commercial and Industrial Environment
	SG10KTL-M	10kW	All - Residential, Commercial and Industrial Environment
	SG12KTL-M	12KW	All - Residential, Commercial and Industrial Environment
	SG15KTL-M	15KW	All - Residential, Commercial and Industrial Environment
	SG20KTL-M	20KW	All - Residential, Commercial and Industrial Environment
	SG5.0RT	5kW	All - Residential, Commercial and Industrial Environment
	SG6.0RT	6kW	All - Residential, Commercial and Industrial Environment
	SG7.0RT	7kW	All - Residential, Commercial and Industrial Environment
	SG8.0RT	8kW	All - Residential, Commercial and Industrial Environment
	SG10.0RT	10kW	All - Residential, Commercial and Industrial Environment
	SG12.0RT	12KW	All - Residential, Commercial and Industrial Environment
	SG15.0RT	15KW	All - Residential, Commercial and Industrial Environment
	SG20 RT	20KW	All - Residential, Commercial and Industrial Environment
	SG3.0RS	3kW	All - Residential, Commercial and Industrial Environment
	SG3.6RS	3.6kW	All - Residential, Commercial and Industrial Environment
	SG4.0RS	4.0kW	All - Residential, Commercial and Industrial Environment
	SG5.0RS	5.0kW	All - Residential, Commercial and Industrial Environment
	SG6.0RS	6.0kW	All - Residential, Commercial and Industrial Environment
Shenzhen Sofar solar co ltd	SOFAR 20000 TL-G2	20 kW	All - Residential, Commercial and Industrial Environment
	SOFAR 25000 TL-G2	25kW	All - Residential, Commercial and Industrial Environment
	SOFAR 30000 TL-G2	30 kW	All - Residential, Commercial and Industrial Environment
	SOFAR33000 TL-G2	33 kW	All - Residential, Commercial and Industrial Environment
	SOFAR-50000 TL	50 kW	Industrial, Environment
	SOFAR 60000TL	60 kW	Industrial, Environment
Shanghai Tranergy Power Electronics Co.,Ltd	SGN1300 TL	1000W	All -Residential, commercial and light environment
	SGN1800 TL	1500W	All -Residential, commercial and light environment
	SGN2300 TL	2000W	All -Residential, commercial and light environment
	SGN2700 TL	2500W	All -Residential, commercial and light environment
	SGN3000 TL	3000W	All -Residential, commercial and light environment
	SGN3400 TL	3000W	All -Residential, commercial and light environment
	SGN4000 TL	4000W	All -Residential, commercial and light environment
	SGN4600 TL	4600W	All -Residential, commercial and light environment
	SGN5400 TL	5000W	All -Residential, commercial and light environment
	SGN6600TL	6000W	All -Residential, commercial and light environment
SIEL S.p.a	SOLEIL DSPX 80 TRH 400	80 kW	All -Residential, commercial and light environment
REFU Elektronik GmbH	REFUsoI 08K	8.25KW	All -Residential, commercial and light environment
	REFUsoI 10K	10KW	All -Residential, commercial and light environment
	REFUsoI 13K	13KW	All -Residential, commercial and light environment
	REFUsoI 17K	17KW	All -Residential, commercial and light environment
	REFUsoI 20K	20KW	All -Residential, commercial and light environment
	REFUsoI 40k (840P040)	40KW	Industrial Environment
	REFUsoI 46k (840P046)	46KW	Industrial Environment
	REFUsoI 40k (842P040)	40KW	All-Residential, Commercial and industrial Environment
REFUsoI 46k (842P046)	46KW	Industrial Environment	
Shenzhen Growatt New Energy Technology Co., Ltd	Growatt 30000TL3-S	30000	All -Residential, commercial and light environment
	Growatt 33000TL3-S	33000	All -Residential, commercial and light environment
	Growatt 40000TL3-NS	40000	All -Residential, commercial and light environment
	MAX 50KTL 3LV	50 kW	Industrial Environment
	MAX 60KTL 3LV	60 kW	Industrial Environment
	MAX 70KTL 3LV	70 kW	Industrial Environment
MAX 80KTL 3LV	80 kW	Industrial Environment	
Petra Solar Inc.	SWM 2.1	0.24	All -Residential, commercial and light environment



WeCo Srl Italia	SDX-3-xxxTL	5 kW, 6kW, 8kW, 10kW, 12kW, 15kW, 17kW, 20kW, 33kW	Industrial Environment
	SE27.6K	27600W	All - Residential, Commercial and Industrial Environment
	SE82.8K	82800W	All - Residential, Commercial and Industrial Environment
	SE55K	55000W	All - Residential, Commercial and Industrial Environment
	SE5K	5000W	All - Residential, Commercial and Industrial Environment
	SE7K	7000W	All - Residential, Commercial and Industrial Environment
Solar Edge GmBH	SE10K	10000W	All - Residential, Commercial and Industrial Environment
	SE12.5K	12500W	All - Residential, Commercial and Industrial Environment
	SE25K	25000W	All - Residential, Commercial and Industrial Environment
	SE33.3K	33300W	All - Residential, Commercial and Industrial Environment
	SE66.6K	66600W	All - Residential, Commercial and Industrial Environment
	SE100K	100000W	All - Residential, Commercial and Industrial Environment
<b>INTERFACE PROTECTIONS</b>			
<b>Manufacturer name</b>	<b>Product ID</b>		
ABB	UFDM34M (to be installed with communication unit "RTU560")		
ZIEHL*	SPI1021		
Lovato Electric S.p.A. *	PMVF60		

\* Approved under temporary derogation, and for power plant < 200Kw.