

## 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	Monday, April 13, 2020		
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	SEAM 18W - xxx	sc-Si, xxx= 70 - 85 ( in step of 5 )
SEAM 18T - xxx		sc-Si, xxx= 70 - 85 ( in step of 5 )	
SEAM 36W - xxx		sc-Si, xxx= 145 - 175 ( in step of 5 )	
SEAM 36T - xxx		sc-Si, xxx= 145 - 175 ( in step of 5 )	
SEAM 40W - xxx		sc-Si, xxx= 155 - 195 ( in step of 5 )	
SEAM 40T - xxx		sc-Si, xxx= 155 - 195 ( in step of 5 )	
SEAM 42W - xxx		sc-Si, xxx= 155 - 205 ( in step of 5 )	
SEAM 42T - xxx		sc-Si, xxx= 155 - 205 ( in step of 5 )	
SEAM 48W - xxx		sc-Si, xxx= 180 - 230 ( in step of 5 )	
SEAM 48T - xxx		sc-Si, xxx= 180 - 230 ( in step of 5 )	
SEAM 50W - xxx		sc-Si, xxx= 200 - 240 ( in step of 5 )	
SEAM 50T - xxx		sc-Si, xxx= 200 - 240 ( in step of 5 )	
SEAM 54W - xxx		sc-Si, xxx= 205 - 260 ( in step of 5 )	
SEAM 54T - xxx		sc-Si, xxx= 205 - 260 ( in step of 5 )	
SEAM 60W - xxx		sc-Si, xxx= 225 - 290 ( in step of 5 )	
SEAM 60T - xxx		sc-Si, xxx= 225 - 290 ( in step of 5 )	
SEAM 66W - xxx		sc-Si, xxx= 250 - 320 ( in step of 5 )	
SEAM 66T - xxx		sc-Si, xxx= 250 - 320 ( in step of 5 )	
SEAM 72W - xxx		sc-Si, xxx= 275 - 350 ( in step of 5 )	
SEAM 72T - 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 )	

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,xxx=370W
	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 )

Almaden MENA FZE

PV MODULES		
Manufacturer name	Product ID	Description
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	Poly crystalline 255W
	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-s i320-335 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-260-275, in step of 5	
	CS6X-xxxP-FG	Poly crystalline- 315-330, in step of 5	
	CS6K-XXX-MS	Mono-crystalline Silicon 290-300 W, in step of 5	
	CS3K-300MS, CS3K-305MS, CS3K-310MS,CS3K-315MS	Mono-crystalline Silicon 300-315W in step of 5	
	CS3K-275P, CS3K-280P, CS3K-285P, CS3K-290P	Poly-crystalline Silicon 275-290W in step of 5	
	CS3K-285P, CS3K-290P, CS3K-295P, CS3K-300P	Poly-crystalline Silicon 285-300W, in step of 5	
	CS3U-360MS, CS3U-365MS, CS3U-370MS,CS3U-375MS	Mono-crystalline Silicon 360-375W, in step of 5	
	CS3U-330P, CS3U-335P, CS3U-340P, CS3U-345P	Poly-crystalline Silicon 330-345W, in step of 5	
	CS3U-345P, CS3U-350P, CS3U-355P, CS3U-360P	Poly-crystalline Silicon 345-360W, in step of 5	
	CS6K-275M, CS6K-280M, CS6K-285M, CS6K-290M	Mono-crystalline Silicon 275-290W, in step of 5	
	CS6U-330M, CS6U-335M, CS6U-340M, CS6U-345M	Mono-crystalline Silicon 330-345W, in step of 5	
	CS6X-310P, CS6X-315P, CS6X-320P, CS6X-325P	Poly-crystalline Silicon 310-325, in step of 5	
	CS6U-325P, CS6U-330P, CS6U-335P, CS6U-340P	Poly-crystalline Silicon 325-340W, in step of 5	
	CS6K-XXX-P	Poly-crystalline Silicon 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-xxxP	Poly-crystalline Silicon, xxx=390-410 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		
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	
Chint Solar (Zhejiang) Co., Ltd	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	
Changzhou EGing Photovoltaic Technology Co., Ltd.	EG-xxxM60-C	Mono-crystalline Silicon 200-320W	
	EG-xxxM72-C	Mono-crystalline Silicon 240-385W	
	EG-xxxP60-c	Poly-crystalline Silicon 200-290W	
	EG-xxxP72-c	Poly-crystalline silicon 235-350W	

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
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
duSol	DS60250W DS72300W DS60270W DS60260W DS72200W DS72225W DS72175W DS36150W DS36100W DS36125W DS3675W DS3660W DS3650W DS3640W	Mc-Si 250W Mc-Si 300W MC-Si 270W Mc-Si 260W Mc-Si 200W Mc-Si 225W Mc-Si 175W MC-Si 150W Mc-Si 100W Mc-Si 125W Mc-Si 75W MC-Si 60W Mc-Si 50W Mc-si 40w
ECONESS ENERGY	EN156-M-60-265 EN156-M-72-315 EN156-P-60-250 EN156M-60-XXX EN156M-72-XXX EN156P-60-XXX EN156P-72-XXX EN156-P-72-300	Mono crysalline 265W Mono crysalline 315W Poly crystalline 250W SC-Si,215W-280W ( in step of 5 ) SC-Si,260W-340W (in step of 5) MC-Si,210W-280W (in step of 5) MC-Si,255W-340W (in step of 5) Poly crystalline 300W
Eging Photovoltaic Technology Co.Ltd	EG-xxxP60-C EG-xxxP72-C	Sc-Si 200-255W Sc-Si 245-305W
Einnova Solarline	ES-P672xxxYZ	Sc-Si 250/260/300/310 W
ET solar Industry limited	ET-P660 Series ET-P672 Series ET-M660 Series ET-M672 Series	Poly-Si 250-265W Poly-Si 300-315W Mono-si 255-270W Mono-si 305-320W
First Solar	FS-4110-2 FS-4107A-2  FS-4110A-2 FS-4112A-2 FS-4112-2 FS-4105A-2 FS-4107-2 FS-4102A-2 FS-4105-2 FS-4102-2 FS-4xxx-3 FS-4xxxA-3 FS-6xxx FS-6xxxA	Cd-Te 110W Cd-Te 107.5W  Cd-Te 110W Cd-Te 112.5W Cd-Te 112.5W Cd-Te 105W Cd-Te 107.5W Cd-Te 102.5W Cd-Te 105W Cd-Te 102.5W CdTe 105 - 122.5 W CdTe 105 - 122.5W CdTe 420-445 W, in 5W steps CdTe 420-445 W, in 5W steps
Futurasun	FUXXXM FUXXXM FUXXXP FUXXXP	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	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 to255 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
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
	HPS0xxxP-28 HPS0xxxP-32 HPS0xxxP-36 HPS0xxxP-48 HPS0xxxP-54	mc-Si 105 W, 110 W mc-Si 120W , 125W mc-Si 140W, 145W mc-Si 160 - 210 W, in steps of 5 mc-Si 180 - 235 W, in steps of 5

Hollandia Power Solutions Inc.	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 200 - 260 W, in steps of 5 mc-Si 240 - 315W, 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 - 325 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)	Sc-Si 245-285W Sc-Si 225-255W Sc-Si 300-345W Mc-S I 240-270W
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 GmbH	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 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	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
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 of 5 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	(xxx=220-230) Mc-Si
	JAM6-60/72-XXX/PR	(xxx=285-295/335-350)Mc-Si
	JAP6-60/72-XXX/4BB	(xxx=270-275/315-325) Polychristaline - Si
	JAM6(L)-60/72-XXX/4BB	(xxx=270-280/320-330)Mc-Si
	JAM6-72-XXX/SI	(xxx=285-325W) Mc-Si
	JAP6-60/72-XXX/3BB	(xxx=260-275/310-325) Polychristaline-Si
	JAP6(K) 60/72 4BB	(xxx=255-275/305-325) Polychristaline-Si
	JAP6(K)(DG) 60/72 4BB/1500V	(xxx=255-275/310-325) Polychristaline-Si
	JAM6(K)(DG) 60-72 4BB/1500V	(xxx=260-285/325-340) Mono crystalline
	JAM72D00 - xxx/PR	(xxx=330-360) Mono crystalline
	JAM72D00 - xxx/SC	(xxx=320-340) Mono crystalline
	JAM60D00 - xxx/PR	(xxx=285-300) Mono crystalline
	JAM72D00 - xxx/SC	(xxx=265-280) Mono crystalline
	JAM72S01- xxx/SC	(xxx=320-340) Mono crystalline
	JAM72S01- xxx/PR	(xxx=345-365) Mono crystalline
	JAM6(K)(DG) 60/72/PR/1500	(xxx=270-295/330-350) Mono crystalline
	JAM60S01- xxx/SC	(xxx=265-280) Mono crystalline
	JAM60S01- xxx/PR	(xxx=285-300) Mono crystalline
	JAP72D00- xxx/SC	(xxx=310-330)Poly-crystalline
	JAP72D00- xxx/SC	(xxx=260-270)Poly-crystalline
	JAP72S01- xxx/SC	(xxx=305-330)Poly-crystalline
	JAP72S01- xxx/PR	(xxx=305-345)Poly-crystalline
	JAP60S01- xxx/SC	(xxx=255-280)Poly-crystalline
	JAP60S01- xxx/PR	(xxx=275-285)Poly-crystalline
	JAM72D00-xxx/BP	mono crystalline-Si, 340-390 W in step of 5
	JAP72S01-xxx/SC	poly crystalline-Si, 305-340 W in step of 5
	JAM72D00-xxx/ PR	mono crystalline-Si, 330-375 in step of 5
	JAM72S01-xxx/ PR	mono crystalline-Si, 325-380 in step of 5
	JAP60S03-xxx/ SC	poly crystalline-Si, 270-290 W in step of 5

**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-380Win 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



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
	JKMxxxP-60	210-280W, in steps of 5 6'poly
	JKMxxxP-72	250-335W, in steps of 5 6'poly
	JKMxxxPP-60	210-280W, in steps of 5 6'poly
	JKMxxxPP-72	250-335W, in steps of 5 6'poly
	JKMSxxxP-60	210-280W, in steps of 5 6'poly
	JKMSxxxP-72	250-335W, in steps of 5 6'poly
	JKMxxxPP-60-V	210-280W, in steps of 5 6'poly
	JKMxxxPP-72-V	250-340, in steps of 5 6'poly
	JKMxxxPP-60-DV	240-285, in steps of 5 6'poly
	JKMxxxPP-72-DV	285-345, in steps of 5 6'poly
	JKMxxxM-60	305-325, in steps of 5 6'Mono
	JKMxxxM-72	370-390, in steps of 5 6'Mono
	JKMSxxxPP-60	210-280, in steps of 5 6'poly
	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
	JKMxxxM-60	mono-crystalline 265-285, in step of 5 W
	JKMxxxM-72	mono-crystalline 325-345, in step of 5 W
	JKMxxxM-60	mono-crystalline 290-310, in step of 5 W
	JKMxxxM-72	mono-crystalline 340-360, in step of 5 W
	JKMxxxPP-60	poly-crystalline 260-280, in step of 5 W

Jinko Solar	<p>JKMxxxPP-72  JKMSxxxPP-72  JKMxxxM-72-DV  JKMxxxM-60H  JKMxxxM-72H  JKMxxxM-72H-V  JKMxxxM-60-V  JKMxxxM-72-V  JKMxxxM-72-BDV  JKMxxxM-60H-V  JKMxxxM-72H-V  JKMxxxM-60-BDVP  JKM320-340N-60H-TV  JKMxxxM - 60 H - TV  JKMxxxM - 72H - TV  JKM390-410N-72H-TV  JKMxxxM-72-BDVP  JKMxxxM-72H-BDVP  JKMxxxM-60-DV  JKMxxxM-72-DV  JKMxxxM - 60 H - TV  JKMxxxM - 72H - TV  JKMxxxM-6RL3-V  JKMxxxM-6RL3-TV  JKMxxxM-7RL3-V  JKMxxxM-7RL3-TV  JKMxxxM-66H-V  JKMxxxM-66H-TV  JKMxxxM-78H-V  JKMxxxM-78H-TV</p>	<p>poly-crystalline 315-335, in step of 5 W  250-340, in steps of 5 W  sc-Si, 375-385, in step of 5 W  sc-Si, 315-335, in step of 5 W  sc-Si, 380-400, in step of 5 W  sc-Si, 380-400, in step of 5 W  sc-Si, 305-325, in step of 5 W  sc-Si, 370-390, in step of 5 W  sc-Si, 360 - 400Wp, , in step of 5 W  sc-Si, 315-335Wp in steps of 5 W  sc-Si, 380-400Wp in steps of 5 W  sc-Si, 295-315Wp in steps of 5 W  sc-Si,320-340W in steps of 5 W  sc-Si,315-335W in steps of 5 W  sc-Si,380-400W in steps of 5 W  sc-Si,390-410W in steps of 5 W  sc-Si, 360-380Wp in steps of 5 W  sc-Si, 370-380Wp in steps of 5 W  sc-Si, 305-325Wp in step of 5 W  sc-Si, 375-395Wp in step of 5 W  sc - Si, 315 - 335Wp in step of 5 W  sc - Si, 380 - 400 in step 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</p>
Jiangsu Aiduo Photovoltaic Technology Co., Ltd.	<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 W  Mono-Crystalline Silicon XXX=135-155W, in step of 5 W  Poly-Crystalline Silicon XXX=175-225W, in step of 5 W  Mono-Crystalline Silicon XXX=180-205W, in step of 5 W  Poly-Crystalline Silicon XXX=200-225W, in step of 5 W  Mono-Crystalline Silicon XXX=210-235W, in step of 5 W  Poly-Crystalline Silicon XXX=255-265W, in step of 5 W  Mono-Crystalline Silicon XXX=230-260W, in step of 5 W  Mono-Crystalline Silicon XXX=175-205W, in step of 5 W  Poly-Crystalline Silicon XXX=270-320W, in step of 5 W  Mono-Crystalline SiliconXXX=280-320W, in step of 5 W  Mono-crystalline Silicon XXX=175-205W, in step of 5 W  Mono-crystalline SiliconXXX=135-175W, in step of 5 W  Mono-crystalline SiliconXXX=180-235W, in step of 5 W  Mono-crystalline SiliconXXX=210-265W, in step of 5 W  Mono-crystalline SiliconXXX=230-295W, in step of 5 W  Mono-crystalline Silicon XXX=280-355W, in step of 5 W  Poly-crystalline Silicon XXX=130-170W, in step of 5 W  Poly-crystalline Silicon XXX=160-185W, in step of 5 W  Poly-crystalline Silicon XXX=175-225W, in step of 5 W  Poly-crystalline Silicon XXX=200-255W, in step of 5 W  Poly-crystalline Silicon XXX=270-340W, in step of 5 W  Poly-crystalline SiliconXXX=225-280W, in step of 5 W</p>
Jinneng Photovoltaic Technology Ltd	<p>JNHM72-xxx  JNHM60-xxx</p>	<p>HJT xxx = 330-370, in increment of 5 W  HJT xxx = 275-310, in increment of 5 W</p>
Juli New Energy	JLS60P250W(156)	mc-si 250 W

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	
Jolywood(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	
Jiangyin Shine Science and Technology Co	SSxxx-72S	monocrystalline Silicon, xxx=320-370W insteps of 5	
	SSxxx-72S-V	monocrystalline Silicon, xxx=320-370W insteps of 5	
	SSxxx-60S	monocrystalline Silicon, xxx=265-310W insteps of 5	
	SSxxx-60S-V	monocrystalline Silicon, xxx=265-310W insteps of 5	
	SSxxx-72P	Polycrystalline Silicon, xxx=305-345w insteps of 5	
	SSxxx-72P-V	Polycrystalline Silicon, xxx=305-345 insteps of 5	
	SSxxx-60P	Polycrystalline Silicon, xxx=250-290W insteps of 5	
	SSxxx-60P-V	Polycrystalline Silicon, xxx=250-290W insteps 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 insteps of 5	
	SPPXXPH7	Poly-crystalline Silicon , 325-350W insteps of 5	
	SPPXXP72	Poly-crystalline Silicon , 325-375W insteps of 5	
	SPPXXDH6	Poly-crystalline Silicon , 275-300W insteps of 5	
	SPPXXD60	Poly-crystalline Silicon , 275-295W insteps of 5	
	SPPXXPH6	Poly-crystalline Silicon , 275-290W insteps of 5	
	SPPXXP60	Poly-crystalline Silicon , 275-315W insteps 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	

KOSOL HIRAMRUT ENERGIES PVT.LTD.	KE40	40Wp	
	KE50	50Wp	
	KE60	60Wp	
	KE100	100Wp	
	KE150	150Wp	
	KE155	155Wp	
	KE160	160Wp	
	KE210	210Wp	
	KE235	235Wp	
	KE240	240Wp	
	KE245	245Wp	
	KE250	250Wp	
	KE260	260Wp	
	KE265	265Wp	
	KE270	270Wp	
	KE275	275Wp	
KE280	280Wp		
KE315	315Wp		
KE320	320Wp		
KE325	325Wp		
Kyocera	KU315-7ZPA	mc-Si 315 Wp	
	KU320-7ZPA	mc-Si 320 Wp	
	KG160GX-LFE-S	mc-Si, 160Wp	
	KG165GX-LFE-S	mc-Si, 165Wp	
	KG170GX-LFE-S	mc-Si, 170Wp	
	KG175GX-LFE-S	mc-Si, 175Wp	
	KK275P-3CD3CG	mc-Si, 275Wp	
	KK280P-3CD3CG	mc-Si, 280Wp	
	mc-Si, 165+C631:E644Wp	mc-Si, 285Wp	
	KK290P-5CD3CG	mc-Si, 290Wp	
	KV275P-3CD3CG	mc-Si, 275Wp	
	KV280P-3CD3CG	mc-Si, 280Wp	
	KV285P-3CD3CG	mc-Si, 285Wp	
	KV290P-3CD3CG	mc-Si, 290Wp	
	<b>PV MODULES</b>		
	<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
LG electronics	LG275S1C-B3	sc-Si 275 Wp/0 - +3%	
	LG280S1C-B3	sc-Si 280 Wp/0 - +3%	
	LG300N1C-B3	sc-Si 300 Wp/0 - +3%	
	LG305N1C-B3	sc-Si 305 Wp/0 - +3%	
	LG300N1C-G4	sc-Si 300W/0 - +3%	
	LG280S1C-L4	sc-Si 280 Wp/0 - +3%	
	LG285S1C-L4	sc-Si 285 Wp/0 - +3%	
	LG290S1C-L4	sc-Si 290 Wp/0 - +3%	
	LG300N1K-G4	sc-Si 300W/0 - +3%	
	LG305N1C-G4	sc-Si 305W/0 - +3%	
	LG310N1C-G4	sc-Si 310W/0 - +3%	
	LG315N1C-G4	sc-Si 315W/0 - +3%	
	LG320N1C-G4	sc-Si 320W/0 - +3%	
	LGxxxN1C-A5	Sc-Si 335W, 330W,325W	
	LGxxxN1K-A5	Sc-Si 320W, 315W	
	LGxxxN2C-A5	Sc-Si 410W, 405W, 400W, 395W, 390W	
	LGxxxN2W-A5	Sc-Si 410W, 405W, 400W, 395W, 390W	
	LGxxxS1C-A5	Sc-Si 300W, 295W, 290W	
	LG315N1W-G4	Sc-si 315W	
	LGxxxS2W-A5	Sc-Si 360W, 355W, 350W	
	LGxxxQ1C-A5	sc-Si 350-370, in step of 5	
	LG340N1C-A5	sc-Si 340 Wp	
	LGxxxN1C-V5	sc-Si 340, 345, 350, 355 W	
	LGxxxN2W-V5	sc-Si 400, 405, 410, 415, 420 W	
	LGxxxQ1C-V5	sc-Si, xxx= 365W, 370W and 375W	
	LGxxxN1W-A5	sc-Si, xxx= 330W, 335W and 340W	
	LGxxxN1C-V5	sc-Si, xxx= 320W, 325W, 330W and 335W	
	LARRI Solar Technology Co.Ltd	LR6-60-xxxM	mc-Si 300-360 W,in steps of 5
LR6-72-xxxM		mc-Si 250-300 W,in steps of 5	

Loop Inc	LPW-270P-60H LPW-275P-60H	mc-Si 270W mc-Si 275W
Longi green energy technology Co., Ltd	LR6-60-xxxM LR6-72-xxxM LR6-60PE-xxxM LR6-72PE-xxxM LR6-60-xxxM LR6-72-xxxM LR6-60PE-xxxM LR-60BP-xxx LR-72BP-xxx LR6-72PE-xxxM LR6-60HV-xxxM LR6-60PH-xxxM LR6-72HV-xxxM LR6-72PH-xxxM LR4-60HBD-375M LR4-72HBD-xxxM LR4-60HPH-xxxM LR4-72HPH-xxxM LR6-60HPB-xxxM LR4-60HPB-xxxM LR6-72BP-xxxM LR6-60BP-xxxM LR6-72HBD-xxxM LR6-60HBD-xxxM LR6-78HBD-xxxM LR6-72HPH-xxxM, LR6-60HPH-xxxM, LR6-72PE-380M	mc-Si, 270-300 ( in step of 5 ) mc-Si, 320-350 ( in step of 5 ) mc-Si, 280-310 ( in step of 5 ) mc-Si, 340-375 ( in step of 5 ) mc-Si,270W-300W mc-Si,320W-350W mc-Si,280W-310W mc-Si, 290 - 305, in step of 5 mc-Si,350-370, in step of 5 mc-Si,340W-375W 280-300 Wp, in step of 5 280-310 Wp, in step of 5 320-350 Wp, in step of 5 340-385 Wp, in step of 5 mc-Si, 375W mc-Si, 450-455W in steps of 5 mc-Si, 375-380W in steps of 5 mc-Si, 445-460W in steps of 5 mc-Si, 300-320W in steps of 5 mc-Si,355-365W in steps of 5 mc-Si 375-380 W ; in step of 5 mc-Si 310-315W; in step of 5 mc-Si 360-385 W; in step of 5 mc-Si 300-320 W; in step of 5 mc-Si 395-410 W; in step of 5 xxx=350-405, in step of 5 xxx=295-335, in step of 5 mc-Si 380 W
MAYSUN SOLAR FZCO	MSxxxM-72 MSxxxM-60 MSxxxM-36 MSxxxP-72 MSxxxP-60 MSxxxP-36	Mono-Crystalline Silicon xxx=285-340, in step of 5 Mono-Crystalline Silicon xxx=240-285, in step of 5 Mono-Crystalline Silicon xxx=145-170, in step of 5 Poly-Crystalline Silicon xxx=285-340, in step of 5 Poly-Crystalline Silicon xxx=235-280, in step of 5 Poly-Crystalline Silicon xxx=140-165, in step of 5
Merlin Solar Technologies, Inc.	BR320 BR325 BR330 BR335 BR340 BR345 BR350 FX105 FX110	Mono-Si, 320 W Mono-Si, 325 W Mono-Si, 330 W Mono-Si, 335 W Mono-Si, 335 W Mono-Si, 345 W Mono-Si, 350 W Mono-Si, 105 W Mono-Si, 110 W

PV MODULES		
Manufacturer name	Product ID	Description
Miasole Hi-tech Corp	FLEX-02 xxx NS FLEX-02 xxx N FLEX-02 xxx WS FLEX-02 W FLEX-02 XXX C132 ASM-7-PERC-AAA (AAA: Peak Power in Wp) ASM-6-PERK-AAA (AAA: Peak Power in Wp) ASP-7-AAA (AAA: Peak Power in Wp) ASP-6-AAA (AAA: Peak Power in Wp)	CIGS- 65-85W, in step of 5 CIGS-110-130W, in step of 5 CIGS-210-250W, in step of 10 CIGS-340-380W, in step of 10 CIGS-255 -305W, in step of 5 Monocrystalline, 305-375 Wp, in step of 5W Monocrystalline, 255-315 Wp, in step of 5 Polycrystalline, 285-350 Wp, in step of 5W Polycrystalline, 235-290 Wp, in step of 5W
Mysolar Manufacturing(Shanghai) Co.,Ltd	MSxxxM-5 MSxxxP-5 MSxxxH-HS MSxxxH-HS MSxxxH-DHBS MSxxxH-DHBS	sc-Si, mc-Si, 95 to 375 sc-Si, mc-Si, 90 to 350 sc-Si, xxx= 370-410 W, in step of 5W sc-Si, xxx=310-340 W, in step of 5W mc-Si, xxx= 360-405 W, in tsep of 5W mc-Si, xxx= 300-335 W, in tsep of 5W
Nanjing Sunport power	SPPXXP60 SPPXXP72	6"Poly - Crystalline (XXX=270-290) 6"Poly - Crystalline(XXX=325-345)
United Renewable Energy Co., Ltd. (URE)	D6PxxxB3A D6PxxxB5A D6PxxxB2A D6PxxxB1A D6PxxxA3A D6PxxxA5A D6PxxxA2A D6PxxxA1A D6LxxxK4A D6LxxxL3A D6LxxxL4A	mc-Si 210 -275 W mc-Si 185-245 W mc-Si 170 - 220 W mc-Si 125-165 W mc-Si 210 - 250 W mc-Si 185 - 225 W mc-Si 170 - 200 W mc-Si 125 - 145 W sc-Si 360 Wp sc-Si 290-305, in step of 5 sc-Si 350-365, in step of 5
NICE SUN PV Co., Ltd	NCS-6BMXXX NCS-6AMXXX NCS-6APXXX	sc-Si 215-285 in increments of 5 sc-Si 255-345 in increments of 5 mc-Si 255-340 in increments of 5
Ningbo Ulica Solar	UL-xxxM-60 UL-xxxP-60 UL-xxxM-72 UL-xxxP-72 UL-XXXP-72 UL-XXXM-72 UL-XXXM-60 UL-XXXM-72 UL-XXXP-60 UL_XXXP_72 UL_XXXM_72 UL_XXXM_60 UL_XXXM_72 UL_XXXP_60 UL-xxxM-24	sc-Si 270 W mc-Si 260-270W, in steps of 5 sc-Si 320-330W, in steps of 5 mc-Si 310-320W, in steps of 5 mc-Si 320-335 W, in steps of 5 Sc-Si 340-345W, in steps of 5 Sc-Si 280-290W, in steps of 5 Sc-Si 360-375W, in steps of 5 Sc-Si 270-285W, in steps of 5 mc_Si,320-335WP in steps of 5 Sc-Si,340-345WP in steps of 5 Sc-Si,280-290WP in steps of 5 Sc-Si,360-375WP in steps of 5 mc-Si,270-285WP in steps of 5 sc-si,105-120WP in step of 5

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 , in steps of 5
	NST32-6-xxxP	sc-Si xxx= 120-145Wp, in steps of 5
	NST36-6-xxxP	sc-Si xxx= 135-160Wp, in steps of 5
	NST40-6-xxxP	sc-Si xxx= 150-180Wp, in steps of 5
	NST48-6-xxxP	sc-Si xxx= 180-220Wp, in steps of 5
	NST54-6-xxxP	sc-Si xxx= 205-245Wp, in steps of 5
	NST60-6-xxxP	sc-Si xxx= 225-275Wp, in steps of 5
	NST66-6-xxxP	sc-Si xxx= 250-300Wp, in steps of 5
	NST72-6-xxxP	sc-Si xxx= 270-300Wp, in steps of 5
	NST18-6-xxxM	mc-Si xxx= 85-95Wp, in steps of 5
NST32-6-xxxM	mc-Si xxx=145-175Wp, in steps of 5	
NST36-6-xxxM	mc-Si xxx=165-195Wp, in steps of 5	
NST40-6-xxxM	mc-Si xxx=180-220 Wp, in steps of 5	
NST48-6-xxxM	mc-Si xxx=225-260Wp, in steps of 5	
NST54-6-xxxM	mc-Si xxx=245-295Wp, in steps of 5	
NST60-6-xxxM	mc-Si xxx=270-330 Wp, in step of 5	
NST66-6-xxxM	mc-Si xxx=300-360Wp, in steps of 5	
NST72-6-xxxM	mc-Si xxx=325-395Wp, in steps 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	

ONYX G/G AXXXX

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

Panasonic	VBMS260AE04 VBMS255AE04 VBMS250AE04 VBHN235SJ25	Poly 260 W Poly 255 W Poly 250 W HIT Cell Technology 235W
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**PV MODULES**

Manufacturer name	Product ID	Description
Panasonic	VBHN240SJ25 VBHN245SJ25 VBHN235SE10 VBHN294SJ45 AE6PXXXWB5B AE7PXXXVB5B VBHN325SJ47	HIT Cell Technology 240W HIT Cell Technology 245W HIT Cell Technology 235W HIT Cell Technology 294W mc-si,265W-275W ( in step of 5 ) mc-si,320W-325 w ( in step of 5 ) HIT Cell Technology 325W
Perlight Solar Co. Ltd	PLM-XXXP-72 PLM-XXXP-60 PLM-XXXP-60 PLM-XXXP-54 PLM-XXXP-36 PLM-XXXP-48 PLM-XXXM-96 PLM-XXXM-72 PLM-XXXM-60 PLM-XXXM-54 PLM-XXXM-36 PLM-XXXM-48 PLM-XXXM-66 PLM-XXXMB-72	mc-Si 235-320W, in steps of 5 mc-Si 195-265W, in steps of 5 mc-Si 240-260W, in steps of 5 mc-Si 220-235W, in spets of 5 mc-Si 145-155W, in steps of 5 mc-Si 195-210W, in steps of 5 sc-Si 230-280W, in steps of 5 sc-Si 290-315W, in steps of 5 sc-Si 240-265 W, in steps of 5 sc-Si 220-235W, in steps of 5 sc-Si 145-155W, in steps of 5 sc-Si 195-210W, in steps of 5 sc-Si 265-290W, in steps of 5 sc-Si 290-315 W, in steps of 5
Philadelphia Solar	PLM-XXXMB-60 PLM-XXXMB-54 PLM-XXXMB-48 PS-P72 XXX PS-P60 XXX PS-M72 XXX PS-M60 XXX	sc-Si 240-265W, in steps of 5 sc-Si 220-235W, in steps of 5 sc-Si 195-210W, in steps of 5 mc-Si 300-330W, in steps of 5 mc-Si 250-275W, in steps of 5 sc-Si 300-345W, in steps of 5 sc-Si 250-290W, in steps of 5
Phono Solar Technology Co., Ltd	PSXXXM-24/F PSxxxPH-24/T PSxxxPH-20/U PSxxxPH-24/TH PSxxxPH-20/UH PSxxxP-24/T PSxxxP-20/U PSxxxP-20/UH PSxxxP-24/TH PSxxxMH-24/T PSxxxMH-20/U PSxxxMH-24/TH PSxxxMH-20/UH PSxxxM-24/T PSxxxM-20/U PSxxxM-24/TH PSxxxM-20/UH PSXXXM-20/U PSXXXM-24/T PSXXXP-20/U PSXXXP-24/T	C-Si 170-210 W mc-Si,315W/335W, in steps of 5w; mc-Si,260W/280W,in steps of 5w; mc-Si,325W/340W,in steps of 5w; mc-Si,270W/280W. In steps of 5W mc-Si,315W/335W,in steps of 5w; mc-Si,260W/280W,in steps of 5w; mc-Si,270W/280W. In steps of 5W mc-Si,325W/340W,in steps of 5w; sc-Si,325W/385W,insteps of 5w; sc-Si,275W/320W,insteps of 5w; sc-Si, 360W/390W,insteps of 5w; sc-Si,300W/325W,insteps of 5w; sc-Si,325W/385W,insteps of 5w; sc-Si,275W/320W,insteps of 5w; sc-Si,360/390,in steps of 5w; sc-Si,300W/325W,insteps of 5w; C-Si 215-280W C-Si 280-340W C-Si 215-275W C-Si 275-335W



REC Solar	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	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 of 5 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
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
REC Solar	RECxxxTP2S 72 XV RECxxxTP2S72 RECxxxTP2S72 XV RECxxxNP	multicrystalline (mc-Si), 330 - 350 Wp mc-Si 330-355 Wp, in step of 5 Wp mc-Si 330-355 Wp, in step of 5 Wp sc-Si 310-330 Wp, in steps of 5 Wp
Renesola Jiangsu Ltd	JCxxxS-24/Abs JCxxxS-24/Bbs JCxxxM-24/Abs JCxxxM-24/Bbs JCxxxM-24/Abpw JCxxxM-24/Bbpw JCxxxM-24/Abpw	sc-Si 315-335W, in steps of 5 sc-Si 255-280W, in steps of 5 mc-Si 310-335W, in steps of 5 mc-Si 255-285W, in steps of 5 mc-Si, xxx- 315 to 335, in step of 5w. mc-Si, xxx-265 to 285, in step of 5w. mc-Si, xxx-340 to 345, in step of 5w.
Resun Solar Energy Co.,Ltd	R55MxxxM R55AxxxM R55GxxxM R56SxxxM R56CxxxM R56DxxxM R56FxxxM R56SxxxP R56CxxxP R56DxxxP R56FxxxP R56ExxxP	sc-Si,235-280, in step of 5 sc-Si,175-210, in step of 5 sc-Si,90-105, in step of 5 sc-Si,300-325, in step of 5 sc-Si,250-270, in step of 5 sc-Si,205-245, in step of 5 sc-Si,180-215, in step of 5 mc-si,295-330, in step of 5 mc-si,240-275, in step of 5 mc-si, 205-245, in step of 5 mc-si,180-220, in step of 5 mc-si,140-165, in step of 5
RISEN Energy Co Ltd.	SYP200P SYP 245S RSM36-6-150P RSM60-6-XXXX RSM72-6-XXXX RSM60-6-XXXXPDG RSM120-6-XXXX RSM144-6-XXXX RSM144-6-XXXX RSM60-6-XXXX RSM72-6-XXXX RSM60-6-XXXXMDG RSM60-6-XXXXPDG RSM72-6-XXXXMDG RSM72-6-XXXXPDG RSM120-6-XXXX RSM144-6-XXXX RSM120-6-XXXXBMDG RSM 132-6-XXXXBMDG RSM144-6-XXXXBMDG RSM60-6-XXXXBMDG RSM72-6-XXXXBMDG	mc-Si 200W ±3% mc-Si 245W mc-Si 150W +3% +ve power tolerance mc-Si 260-295W, in steps of 5 +3% +ve power tolerance mc-Si 330-385 Wp , in steps of 5 +3% +ve power tolerance mc-Si 255-265W, in steps of 5 +3% +ve power tolerance mc-Si,275 to 305W, in steps of 5w sc-Si, 410 to 415W, in steps of 5W mc-Si, 330 to 365W, in steps of 5w sc-Si, 275-320W in step of 5 sc-Si, 330-385 in step of 5 SC-Si, 320W to 320W in step of 5 mc-Si,300 to 300W, in steps of 5w SC-Si, 315 to 385W, in steps of 5w mc-Si,315 to 360W, in steps of 5w sc-si, 345 to 350W, in steps of 5W Sc-si, 350 to 405W, in step of 5W sc-si, 345 to 350W, in steps of 5W sc-Si, 330-370W in steps of 5 sc-Si, 415W/410 to 415W, in steps of 5W sc-Si, 280-325W in steps of 5 sc-Si, 340 to 385W in steps of 5

RenewSys India Private Limited	DESERV 3M6 XXX DESERV 3M6 XXX DESERV 3M6 XXX DESERV 3M6 XXX 356H Series DESERV 3M6 XXX	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
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
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
Solvix 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
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
Sunovation	SUNOVATION eFORM Arc GG-260-C SUNOVATION eFORM Arc GG-125-C SUNOVATION eFORM Arc GG-160-C SUNOVATION eFORM Arc GG-130-C SUNOVATION eFORM Color GG-195-F SUNOVATION eFORM Color GG-95-F SUNOVATION eFORM Color GG-120-F SUNOVATION eFORM Color GG-100-F SUNOVATION eFORM Color GG-160-F SUNOVATION eFORM Color GG-190-F	sc-Si 215.8 Wp sc-Si 107.9 Wp sc-Si 134.9 Wp sc-Si 107.9 Wp sc-Si 161.8 Wp sc-Si 80.9 Wp sc-Si 100.1 Wp sc-Si 80.9 Wp sc-Si 134.9 Wp sc-Si 161.8 Wp
Sunman (Hong Kong) Limited	SMF160M-6X6 SMF270M-6X10 SMF325M-6X12	sc-Si 160 Wp sc-Si 270 Wp sc-Si 325 Wp
SERAPHIM SOLAR SYSTEM CO.,LTD	SRP-XXX-6PA SRP-XXX-6PB SRP-XXX-6PA SRP-XXX-6PA-H SRP-XXX-6PB SRP-XXX-6PB-HV SRP-XXX-6MA SRP-XXX-6MA-HV SRP-XXX-6MB SRP-XXX-6MB-HV SRP-XXX-BPA SRP-XXX-BPA-HV SRP-XXX-BPB SRP-XXX-BPB-HV SRP-XXX-BMA SRP-XXX-BMA-HV SRP-XXX-BMB SRP-XXX-BMB-HV SRP-XXX-E11A SRP-XXX-E11A-HV SRP-XXX-E11A/SRP-XXX-E11A-HV SRP-XXX-E11B/SRP-XXX-E11B-HV SRP-XXX-E01A/SRP-XXX-E01A-HV SRP-XXX-E01B/SRP-XXX-E01B-HV SRP-XXX-BPA/SRP-XXX-BPA-HV SRP-XXX-BPB/SRP-XXX-BPB-HV SRP-XXX-BMA/SRP-XXX-BMA-HV SRP-XXX-BMB/SRP-XXX-BMB-HV SRP-XXX-6PA/SRP-XXX-6PA-HV	mc-Si (XXX=305-320), in steps of 5 mc-Si (XXX=225-265), in steps of 5 sc-Si, mc-Si(XXX=320-350),in steps of 5 sc-Si, mc-Si(XXX=320-350),in steps of 5 sc-Si, mc-Si(XXX=270-290),in step of 5 sc-Si, mc-Si(XXX=270-290),in step of 5 sc-Si, mc-Si(XXX=340-380), instep of 5 sc-Si, mc-Si(XXX=340-380), instep of 5 sc-Si, mc-Si(XXX=285-315),in step of 5 sc-Si, mc-Si(XXX=285-315),in step of 5 sc-Si, mc-Si(XXX=320-355),in step of 5 sc-Si, mc-Si(XXX=320-355),in step of 5 sc-Si, mc-Si(XXX=270-295),in step of 5 sc-Si, mc-Si(XXX=270-295),in step of 5 sc-Si, mc-Si(XXX=340-380),in step of 5 sc-Si, mc-Si(XXX=340-380),in step of 5 sc-Si, mc-Si(XXX=285-315),in step of 5 sc-Si, mc-Si(XXX=285-315),in step of 5 sc-Si, mc-Si(XXX=305-340),in step of 5 sc-Si, mc-Si(XXX=340-380),in step of 5 sc-Si, mc-Si(XXX=340-380),in step of 5 sc-Si, mc-Si(XXX=285-315),in step of 5 sc-Si, mc-Si(XXX=365-410),in step of 5 sc-Si, mc-Si(XXX=305-340),in step of 5 sc-Si, mc-Si(XXX=320-355),in step of 5 sc-Si, mc-Si(XXX=270-295),in step of 5 sc-Si, mc-Si(XXX=340-380),in step of 5 sc-Si, mc-Si(XXX=285-315),in step of 5 sc-Si, mc-Si(XXX=340-380),in step of 5 sc-Si, mc-Si(XXX=285-315),in step of 5 sc-Si, mc-Si(XXX=320-350),in step of 6

	SRP-XXX-6PB/SRP-XXX-6PB-HV SRP-XXX-6MA/SRP-XXX-6MA-HV SRP-XXX-6MB/SRP-XXX-6MB-HV SRP-XXX-E11B SRP-XXX-E11B-HV SRP-XXX-E01A /SRP-XXX-E01A-HV SRP-XXX-E01B SRP-XXX-E01B-HV SRP-XXX-6MA SRP-XXX-6MB	sc-Si, mc-Si(XXX=270-290),in step of 7 sc-Si, mc-Si(XXX=340-380),in step of 8 sc-Si, mc-Si(XXX=285-315),in step of 9 sc-Si, mc-Si(XXX=285-315),in step of 5 sc-Si, mc-Si(XXX=285-315),in step of 5 sc-Si, mc-Si(XXX=365-410),in step of 5 sc-Si, mc-Si(XXX=365-410),in step of 5 sc-Si, mc-Si(XXX=305-340),in step of 5 sc-Si, mc-Si(XXX=305-340),in step of 5 sc-Si (XXX=310-325), in steps of 5 sc-Si (XXX=265-280), in steps of 5
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Shandong Linuo Photovoltaic Hi-tech Co., Ltd	LN260(30) M-4-xxx LN260(30) P-4-xxx	sc-Si, 270 -280 in steps of 5 Mc-Si, 260 -270 in steps of 5
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Shanghai Aerospace Automobile Electromechanical Co., Ltd	HT72-156P-XXX HT60-156P-XXX HT72-156M-XXX HT60-156M-XXX	Poly c-Si (XXX=310-330, in steps of 5) Poly c-Si (XXX=260-275, in steps of 5) mono c-Si(XXX=330-345, 355-360 in steps of 5) mono c-Si(XXX=270-310, in steps of 5)
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**PV MODULES**

Manufacturer name	Product ID	Description
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Sharp Electronics	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-RxxxA	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
	NU-AC310	Mono Crystalline, 310w

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 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 Vision 60P style Vision 60M style Vision 60M high power	Poly-Crystalline Si (275-285 Wp, in step of 5) Poly-Crystalline Si (265 Wp, 270 Wp) Mono-Crystalline Si (280-295 Wp), in step of 5 Mono-Crystalline Si (295 Wp, 300 Wp)
Solar Frontier	SFXXX-S	CIGS 130-170W
Solar Leading Group Limited	JKMXXP-60 JKMXXP-72 JKMXXM-60 JKMXXM-72	mc-si 245-265W, in steps of 5 mc-Si 295-320W, in steps of 5 sc-Si 255-280W, in steps of 5 sc-Si 300-320W, in steps of 5
Solar Solution (AEG)	AS-P368 - xxx AS-P548 - xxx AS-P608 - xxx AS-P728 - xxx	c-Si, 140-170 Wp, in steps of 5 Wp c-Si, 210-250 Wp, in steps of 5 Wp c-Si, 235-280 Wp, in steps of 5 Wp c-Si, 285-335 Wp, in steps of 5 Wp
Solon International LL FZE	Solon Blue/Black 220/16 Solon Blue/black 230/07 Solon Black 230/02 Solon Blue 270/11 Solon Blue 270/12 Solon Blue 270/17 Solon Black 280/11 Solon Black 280/12 Solon Black 280/17	sc-Si, mc-Si 225 - 275 WP sc-Si, mc-Si 225-275 WP sc-Si, mc-Si 225-275 WP sc-Si, mc-Si 300-330 WP sc-Si, mc-Si 300-330 WP sc-Si, mc-Si 300-330 WP sc-Si, mc-Si 300-330 WP sc-Si, mc-Si 300-330 WP sc-Si, mc-Si 300-330 WP
lo	STO-XXXX STL-XXXX	CIGS 120-160W, in steps of 5 - +2% CIGS 120-160W, in steps of 5 - +2%
SunPower	SPR-X21-345-COM SPR-E20-435 COM SPR-E20-327 COM SPR-P17-3xx COM SPR-E20-327 SPR-P19-xxx-COM PVC385 MP SPR-MAX2-xxx-COM SPR-MAX2-xxx SPR-MAX3-xxx-COM SPR-MAX3-xxx SPR-P19-xxx-BLK SPR-P3-xxx-COM SPR-P3-xxx-COM-1500 SPR-P3-xxx-BLK	Back Contact Cell Mono Crystalline Maxeon) 327- 450W Back Contact Cell Mono Crystalline Maxeon) 327- 450W Back Contact Cell Mono Crystalline Maxeon) 327- 450W mc-si (xxx=315-85 in steps of 1, 498 cells) Back Contact Cell Mono Crystalline Maxeon) 327- 450W Monocrystalline, 380-405, in step of 1 Sc-Si, 385 W Mono crystalline ,xxx= 340 - 360, in step of 5 Mono crystalline ,xxx= 340 - 360, in step of 5 Mono crystalline ,xxx= 370-400, in step of 5 Mono crystalline ,xxx= 370-400, in step of 5 Mono crystalline ,xxx=310-335, in tsep of 5 Mono crystalline ,xxx= 400-415 W in step of 5 W Mono crystalline ,xxx= 400-415 W in step of 5 W Mono crystalline ,xxx= 315-335 W in step of 5 W

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

Trina Solar Co., Ltd.	TSM-xxxPDG5 TSM-xxxPDG5.50 TSM-xxx PEG5 TSM-xxx PEG5.50 TSM-xxxPEG14(I) 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)	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 mc-Si, 355-420Wp, in steps 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
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, in step of 5 mc-Si 300-370W, in step of 5

PV MODULES		
Manufacturer name	Product ID	Description
Viessmann Werke Gmbh &Co	VITOVOLT 300 Pxxx PSEB	mc-Si 250 – 260 W, in steps of 5 W
VIKRAM SOLAR PRIVATE LIMITED	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 VSPB8.60.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
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-20/WFH	Mono-crystalline, half cell, XXX= 270W-330W
	STPXXXS-24/WFH	Mono-crystalline, half cell, XXX=325W-400W
STPXXXS-A72/Pfh+	P-type Bifacial,370W-410W	
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
Worldwide Energy and Manufacturing USA, CO., Ltd, (Amerisolar)	AS-6M-xxxW	mono-crystalline 325-365, in increment of 5
	AS-6M30-xxxW	mono-crystalline 275-305, in increment of 5
	AS-6M27-xxxW	mono-crystalline 245-275, in increment of 5
	AS-6M18-xxxW	mono-crystalline 135-165, in increment of 5
	AS-5M-xxxW	mono-crystalline 175-210, in increment of 5
	AS-5M18-xxxW	mono-crystalline 90-105, in increment of 5
	AS-6P-xxxW	Poly-crystalline 270-345, in increment of 5
	AS-6P30-xxxW	Poly-crystalline 265-290, in increment of 5
	AS-6P27-xxxW	Poly-crystalline 235-260, in increment of 5
AS-6P18-xxxW	Poly-crystalline135-165, in increment of 5	
Yingli Solar	YLxxxP-29b	multi 240-260kW in steps of 5
	YLxxxP-35b	multi 290-310kW in steps of 5
Yingli Energy (China) Company Limited	YLXXCG2536F-1	sc-si 310-375 W, in steps of 5
	YLXXCG25360F-1	sc-si 260-310 W, in steps of 5
	YLXXD-36b	sc-si 340-390 W, in steps of 5
	YLXXD-30b	sc-si 280-325 W, in steps of 5
	YLXXXP-29b 1500v	sc-si 275-305 W, in steps of 5
	YLXXXP-35b 1500v	sc-si 330-365 W, in steps of 5
	YLXXXP-35b	sc-si 310-350 W, in steps of 5
	YLXXXP-29b	sc-si 260-290 W, in steps of 4
YL270C-30b	sc-si 270.	
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	mc-Si 315-345 W, in Steps of 5
	TSPxxx -60	mc-Si 255-285 W, in Steps of 5
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	

PV MODULES		
Manufacturer name	Product ID	Description
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)-xxxx	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-Si280-325 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
	ZNSHINE PV-TECH Co., Ltd	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	
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	
CW Enerji	CWTXXX-72P	Poly Crystalline, xxx=305-335W, in step of 5
	CWTXXX-60P	Poly Crystalline, xxx=260-280W, in step of 5
	CWTXXX-72PM	Mono Crystalline (PERC), xxx=265-385W, in step of 5
	CWTXXX-60PM	Mono Crystalline (PERC), xxx=220-320W, in step of 5



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	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	

Fronius International GmbH	Primo 3.0 -1	3.0kW	All - Residential, Commercial and Industrial Environment
	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
	Fronius Symo 4.5-3-M	4.5 kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 5.0-3-M	5 kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 6.0-3-M	6 kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 7.0-3-M	7 kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 8.2-3-M	8.2 kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 10.0-3-M	10kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 12.5-3-M	12.5kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 15.0-3-M	15kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 17.5-3-M	17.5kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 20.0-3-M	20kW	All - Residential, Commercial and Industrial Environment
Fronius Eco 25.0-3-S	25kW	All - Residential, Commercial and Industrial Environment	
Fronius Eco 27.0-3-S	27kW	All - Residential, Commercial and Industrial Environment	
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
<b>PV INVERTERS</b>			
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>	<b>Usage Category</b>
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	

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	
INGECON SUN 12.5 TL M	12.5 kW	
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
INGECON SUN 3 PLAY 28 TL	28 kW	
INGECON SUN 3 PLAY 33 TL	33 kW	
INGECON SUN 3 PLAY 10 TLM	10 kW	All - Residential, Commercial and Industrial Environment
INGECON SUN 3 PLAY 12.5 TLM	12.5 kW	All - Residential, Commercial and Industrial Environment
INGECON SUN 3 PLAY 15 TLM	15 kW	All - Residential, Commercial and Industrial Environment
INGECON SUN 3 PLAY 20 TLM	20 kW	All - Residential, Commercial and Industrial Environment
INGECON SUN 3 PLAY 24 TLM	24 kW	
INGECON SUN 3 PLAY 28 TLM	28 kW	
INGECON SUN 3 PLAY 33 TLM	33 kW	All - Residential, Commercial and Industrial Environment
INGECON SUN 3 PLAY 40 TLM	40 kW	All - Residential, Commercial and Industrial Environment
INGECON SUN 275TL M220	304.8 kW	
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	

PV INVERTERS			
Manufacturer name	Product ID	Description	Usage Category
	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	
	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	
	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	
	INGECON SUN 805TL X420	873 kW	
	INGECON SUN 550TL M220	609.7 kW	
	INGECON SUN 550TL X220	609.7 kW	
Ingeteam	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	
	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	Industrial Environment
	INGECON SUN 860TL B310	860 kW	Industrial Environment
	INGECON SUN 890TL B320	890 kW	Industrial Environment
	INGECON SUN 915TL B330	915 kW	Industrial Environment
	INGECON SUN 940TL B340	940 kW	Industrial Environment
	INGECON SUN 970TL B350	970 kW	Industrial Environment
	INGECON SUN 1000TL B360	1000 kW	Industrial Environment
	INGECON SUN 1025TL B370	1025 kW	Industrial Environment
	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

PV INVERTERS			
Manufacturer name	Product ID	Description	Usage Category
	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
	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
Ingeteam	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 IIG0		20 kW	All-Residential, Commercial and industrial Environment	
bluplanet 15.0 TL3 M2 WM OD IIG0		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		
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	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
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
	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	
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, Envoironment
SG250HX	225 kW	Industrial, Envoironment	
Shanghai Trannergy 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

PV INVERTERS			
Manufacturer name	Product ID	Description	Usage Category
Shanghai Trannergy Power Electronics Co.,Ltd	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 Enveronment
	REFUsoI 46k (842P046)	46KW	All-Residential, Commercial and 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
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

INTERFACE PROTECTIONS		
Manufacturer name	Product ID	Description
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