

## 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

Thursday, October 13, 2016

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 cristalline SI
	P19XXX	280-295W (in steps of 5) Poly cristalline SI
Almaden MENA FZE	SEAP 36-XXX	Poly crystalline 145-160W, in steps of 5
	SEAP 42-XXX	Poly crystalline 155-185W, in steps of 5
	SEAP 48-XXX	Poly crystalline 175-210W, in steps of 5
	SEAP 54-XXX	Poly crystalline 200-240W, in steps of 5
	SEAP 60-XXX	Poly crystalline 220-235W, 250-265W, in steps of 5
	SEAP 66-XXX	Poly crystalline 240-290W, in steps of 5
Alternative Energy (AE) Solar GmbH.	SEAP 72-XXX	Poly crystalline 265-275W, 290-315W, in steps of 5
	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
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

PV MODULES		
Manufacturer name	Product ID	Description
BYD	BYD P6C-36	255-315 W sc-Si Poly crystalline
	BYD P6C-30	255-315 W sc-Si Poly crystalline
Calyxo GmbH	CX3-70	CdTe 70W
	CX3-72	CdTe 72W
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
Caterpillar	CS6X315P	Poly crystalline-Si 315W
	PVT110	CdTe 110W
	PVT115	CdTe 115W
Chinaland Solar energy Co.Ltd.	PVT117	CdTe 117W
	CHN250 - 60P	sc-Si 250 W
	CHN260 - 60P	sc-Si 260 W
	CHN300 - 72P	sc-Si 300 W
Chint Solar (Zhejiang) Co., Ltd	CHN310 - 72P	sc-Si 310 W
	CHSM6612P-XXX	mc-Si 315, 320 W
CLS Energy Consultants DMCC	RCM-xxx-6MB	MONO-Si 250-280W
	RCM-XXX-6PA	Poly-Si 280-310W
	RCM-xxx-6PB	Poly-Si 240-260W
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
	DS3660W	MC-Si 60W
	DS3650w	Mc-Si 50W
	DS3640w	Mc-si 40w
ECONESS ENERGY	EN156-M-60-265	Mono crysalline 265W
	EN156-M-72-315	Mono crysalline 315W
	EN156-P-60-250	Poly crystalline 250W
	EN156-P-72-300	Poly crystalline 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
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
Futurasun	FS-4102-2	Cd-Te 102.5W
	FUXXXM	sc-Si 300-315 Wp
	FUXXXM	sc-Si 245-260 W
	FUXXXP	mc-Si 240-265 Wp
GCL System Integration Technology Co., Ltd	FUXXXP	mc-Si 295-305 Wp
	GCL-P6/72-310	mc-Si 310 W

PV MODULES		
Manufacturer name	Product ID	Description
General Energy Solutions	7NAC000-06Axxx	mc-Si 215-275W
	7NAC000-06Cxxx	mc-Si 255-330W
	7NAC001-06Axxx	mc-Si 195-295W
	7NAC001-06Cxxx	mc-Si 235-350W
	7NAE001-06Axxx	sc-Si 220-300W
	7NAE001-06Cxxx	sc-Si 245-360W
Gintung Energy Corp	GTEC-xxxG6S66 (xxx=140-175,in steps of 5)	Sc-Si 140-175W
	GTEC-xxxG6S68 (xxx=190-235,in steps of 5)	Sc-Si 190-235 W
	GTEC-xxxG6S69 (xxx=210-265,in steps of 5)	Sc-Si 210-265 W
	GTEC-xxxG6S6A (xxx=230-295,in steps of 5)	Sc-Si 230-295 W
	GTEC-xxxG6S6B (xxx=260-325,in steps of 5)	Sc-Si 260-325 W
	GTEC-xxxG6S (xxx=280-355,in steps of 5)	Sc-Si 280-355 W
	GTEC-xxxG6M66 (xxx=140-175,in steps of 5)	Mc-Si 140-175 W
	GTEC-xxxG6M68 (xxx=190-235,in steps of 5)	Mc-Si 190 - 235 W
	GTEC-xxxG6M69 (xxx=210-265,in steps of 5)	Mc-Si 210 - 265 W
	GTEC-xxxG6M6A (xxx=230-295,in steps of 5)	Mc-Si 230-295 W
GreenBrilliance Energy Pvt. Ltd	GB54P6-XXX	mc-Si 185-225 Wp, in steps of 5
	GB60P6-XXX	mc-Si 230-250 Wp, in steps of 5
	GB72P6-XXX	mc-Si 250-300 Wp, in steps of 5
HanwhaSolarOne (Qidong) Co., Ltd	HSL72P6-PC-1-XXX	mc-Si (multicrystalline) 250-270 W, in steps of 5
	HSL60P6-PC-1-XXX	mc-Si (multicrystalline) 290-310 W, in steps of 5
Hangzhou Sunny Energy Science & Technology	ZDNY-xxxC54	sc-Si 190-250W, in steps of 5
	ZDNY-xxxC60	sc-Si 210-275W, in steps of 5
	ZDNY-xxxC72	sc-Si 255-330W, in steps of 5
	ZDNY-xxxCB54	sc-Si 190-235W, in steps of 5
	ZDNY-xxxCB60	sc-Si 210-260W, in steps of 5
	ZDNY-xxxCB72	sc-Si 255-310W, in steps of 5
	ZNDY-xxxP54	mc-Si 180-250W, in steps of 5
	ZNDY-xxxP60	mc-Si 200-275W, in steps of 5
Hollandia Power Solutions Inc.	ZNDY-xxxP72	mc-Si 245-330W, in steps of 5
	HPS0xxxP-28	mc-Si 105 W, 110 W
	HPS0xxxP-32	mc-Si 120W , 125W
	HPS0xxxP-36	mc-Si 140W, 145W
	HPS0xxxP-48	mc-Si 160 - 210 W, in steps of 5
	HPS0xxxP-54	mc-Si 180 - 235 W, in steps of 5
	HPS0xxxP-60	mc-Si 200 - 260 W, in steps of 5
	HPS0xxxP-72	mc-Si 240 - 315W, in steps of 5
	HPS0xxxM-28	sc-Si 105 - 125 W, in steps of 5
	HPS0xxxM-32	sc-Si 120 - 145 W, in steps of 5
	HPS0xxxM-36	sc-Si 135 - 160 W, in steps of 5
	HPS0xxxM-48	sc-Si 170 - 215 W, in steps of 5
	HPS0xxxM-54	sc-S 190 - 240 W, in steps of 5
	HPS0xxxM-60	sc-Si 210 - 270 W, in steps of 5
	HPS0xxxM-72	sc-Si 250 - 325 W, in steps of 5
	HPS0xxxD-16	sc-Si 040 - 045 W, in steps of 5
	HPS0xxxD-20	sc-Si 050 - 060 W, in steps of 5
	HPS0xxxD-24	sc-Si 060 - 070 W, in steps of 5
	HPS0xxxD-28	sc-Si 065 - 080 W, in steps of 5
	HPS0xxxD-32	sc-Si 075 - 095 W, in steps of 5
	HPS0xxxD-36	sc-Si 080 - 105 W, in steps of 5
	HPS0xxxD-40	sc-Si 090 - 120 W, in steps of 5
	HPS0xxxD-72	sc-Si 155 - 215 W, in steps of 5
	HPS0xxxD-84	sc-Si 165 - 250 W, in steps of 5
HYUNDAI Heavy Industries (HHI)	HiS-SxxxRG (BK)	Sc-Si 245-285W
	HiS-SxxxRF (BK)	Sc-Si 225-255W
	HiS-SxxxRI	Sc-Si 300-345W
	HiS-MxxxRG (BK)	Mc-S I 240-270W
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

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Manufacturer name	Product ID	Description
Jinko Solar	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
Juli New Energy	JLS60P250W(156)	mc-si 250 W
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%
Neo Solar Power Corporation	D6PxxxB3A	mc-Si 210 -275 W
	D6PxxxB5A	mc-Si 185-245 W
	D6PxxxB2A	mc-Si 170 - 220 W
	D6PxxxB1A	mc-Si 125-165 W
	D6PxxxA3A	mc-Si 210 - 250 W
	D6PxxxA5A	mc-Si 185 - 225 W
	D6PxxxA2A	mc-Si 170 - 200 W
	D6PxxxA1A	mc-Si 125 - 145 W
NICE SUN PV Co., Ltd	NCS-6BMXXX	sc-Si 215-285 in increments of 5
	NCS-6AMXXX	sc-Si 255-345 in increments of 5
	NCS-6BPXXX	mc-Si 260-285 in increments of 5
	NCS-6APXXX	mc-Si 255-340 in increments of 5
Ningbo Ulica Solar	UL-xxxM-60	sc-Si 270 W
	UL-xxxP-60	mc-Si 260-270W, in steps of 5
	UL-xxxM-72	sc-Si 320-330W, in steps of 5
	UL-xxxP-72	mc-Si 310-320W, 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
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
	VBHN325SJ47	HIT Cell Technology 325W
Perlight Solar Co. Ltd	PLM-XXXP-72	mc-Si 235-320W, in steps of 5
	PLM-XXXP-60	mc-Si 195-265W, in steps of 5
	PLM-XXXP-60	mc-Si 240-260W, in steps of 5
	PLM-XXXP-54	mc-Si 220-235W, in spets of 5
	PLM-XXXP-36	mc-Si 145-155W, in steps of 5
	PLM-XXXP-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
	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

PV MODULES		
Manufacturer name	Product ID	Description
Philadelphia Solar	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
Phono Solar Technology Co., Ltd	PSXXXM-24/F	C-Si 170-210 W
	PSXXXM-20/U	C-Si 215-280W
	PSXXXM-24/T	C-Si 280-340W
	PSXXXP-20/U	C-Si 215-275W
	PSXXXP-24/T	C-Si 275-335W
REC Solar	REC265TP	mc-Si 265 W
	REC270TP	mc-Si 270 W
	REC275TP	mc-Si 275 W
	REC280TP	mc-Si 280 W
	REC xxx PE 72	mc-Si 295 - 315 W, in steps of 5
	REC 260 PE	mc-Si 260 W
Renesola Jiangsu Ltd	JCxxxS-24/Abs	sc-Si 315-335W, in steps of 5
	JCxxxS-24/Bbs	sc-Si 255-280W, in steps of 5
	JCxxxM-24/Abs	mc-Si 310-335W, in steps of 5
	JCxxxM-24/Bbs	mc-Si 255-285W, in steps of 5
RISEN Energy Co Ltd.	SYP200P	mc-Si 200W ±3%
	SYP 245S	Crystalline 245W
	RSM36-6-150P	mc-Si 150W +3% +ve power tolerance
	RSM60-6-XXXP	mc-Si 250-270W, in steps of 5 +3% +ve power tolerance
	RSM72-6-XXXP	mc-Si 300-320W, in steps of 5 +3% +ve power tolerance
	RSM60-6-XXXPDG	mc-Si 255-265W, in steps of 5 +3% +ve power tolerance
S-Energy	SM-xxxPC8	Mc-Si 250-260W, in steps of 5
	SM-xxxPC8	Mc-Si 295-305W, in steps of 5
	SN-xxxP10	Mc-Si 250-265W, in steps of 5
	SN-xxxP10	Mc-Si 295-315W, in steps of 5
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-6MA	sc-Si (XXX=310-325), in steps of 5
	SRP-XXX-6MB	sc-Si (XXX=265-280), in steps of 5
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
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
Solon International LL FZE	Solon Blue/Black 220/16	sc-Si, mc-Si 225 - 275 W
Stion	STO-XXXA	CIGS 120-160W, in steps of 5 - +2%
	STL-XXXA	CIGS 120-160W, in steps of 5 - +2%
SunPower	SPR-X20-327-COM	Back Contact Cell Mono Crystalline Maxeon) 327- 450W
	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-E20-435	Back Contact Cell Mono Crystalline Maxeon) 327- 450W
	SPR-E20-327 COM	Back Contact Cell Mono Crystalline Maxeon) 327- 450W
	SPR-E20-327	Back Contact Cell Mono Crystalline Maxeon) 327- 450W
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

PV MODULES		
Manufacturer name	Product ID	Description
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 Middle East Ltd	TSM-xxxPDG5	Poly c-Si 230-290 W, in steps of 5
	TSM-xxxPDG5.50	Poly c-Si 230-290W, in steps of 5
	TSM-xxx PDG14	Poly c-Si 230-290W, in steps of 5
	TSM-xxx PEG5	Poly c-Si 230-290W, in steps of 5
	TSM-xxx PEG5.50	Poly c-Si 230-290W, in steps of 5
	TSM-xxx PEG14	Poly c-Si 230-290W, in steps of 5
TSMC Solar Europe GmbH	TS-xxxC2	CIGS 140-150W, in steps of 5
	TS-xxxC1	CIGS 140/150/155/165W
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 VSPBB.60.AAA.03	sc-Si 228wp-279wp
	ELDORA VSP.60.AAA.03	sc-si 240-270W
WAAREE Energies Ltd.	WS-XXX	mc-Si 230-250 W, in steps of 5
	WS-XXX	mc-Si 280-315 W, in steps of 5
WUXI Suntech Power Co, Ltd	STP-XXX-20/Wem	mc-Si 255-275W
	STPXXXS-20/Wem	sc-Si 265-280W
	STPXXX-24/Vem	mc-Si 305-325W
	STPXXXS-24/Vem	sc-Si 320-330W
Yingli Solar	YLxxxP-29b	multi 240-260kW in steps of 5
	YLxxxP-35b	multi 290-310kW 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 INVERTERS		
Manufacturer name	Product ID	Description
ABB	PVI-3.0-TL-OUTD(-S)	3kW
	PVI-3.6-TL-OUTD(-S)	3.6kW
	PVI-4.2-TL-OUTD(-S)	4.2kW
	PVI-5000-TL-OUTD(-S)	5kW
	PVI-6000-TL-OUTD(-S)	6kW
	PVI-10.0-TL-OUTD(-S)(-FS)	10 kW
	PVI-12.5-TL-OUTD(-S)(-FS)	12.5 kW
	TRIO - 5.8 - TL - OUTD	5.8 kW
	TRIO - 7.5 - TL - OUTD	7.5 kW
	TRIO - 8.5 - TL - OUTD	8.5 kW
	TRIO - 20.0 - TL - OUTD	20 kW
	TRIO - 27.6 - TL - OUTD	27.6 kW
	TRIO-50.0-TL-OUTD	50 kW
	PRO-33.0-TL-OUTD(400)(S-400)(SX-400)	33 kW
	ULTRA -700.0 TL -OUTD	700 kW
	ULTRA -1050.0 TL -OUTD	1050 kW
	ULTRA -1400.0 TL -OUTD	1400 kW
	PVS800-57-0100kW-A	100 kW
	PVS800-57-0250kW-A	250 kW
	PVS800-57-0500kW-A	500 kW
	PVS800-57-0875kW-B	875 kW
	PVS800-57-1000kW-C	1000 kW
Delta Power Solutions Pvt. Ltd	RPI-M15A	15 KW
	RPI - M20A	20 kW
Fronius International GmbH	Primo 3.0 -1	3.0kW
	Primo 3.5 -1	3.5kW
	Primo 3.6 -1	3.6kW
	Primo 4.0 -1	4kW
	Primo 4.6 -1	4.6kW
	Primo 5.0-1	5kW
	Primo 6.0-1	6kW
	Primo 8.2-1	8.2kW
	Fronius Symo 3.0-3-M	3 kW
	Fronius Symo 3.7-3-M	3.7 kW
	Fronius Symo 4.5-3-M	4.5 kW
	Fronius Symo 5.0-3-M	5 kW
	Fronius Symo 6.0-3-M	6 kW
	Fronius Symo 7.0-3-M	7 kW
	Fronius Symo 8.2-3-M	8.2 kW
	Fronius Symo 10.0-3-M	10kW
	Fronius Symo 12.5-3-M	12.5kW
	Fronius Symo 15.0-3-M	15kW
	Fronius Symo 17.5-3-M	17.5kW
	Fronius Symo 20.0-3-M	20kW
	Fronius Eco 25.0-3-S	25kW
	Fronius Eco 27.0-3-S	27kW
Huawei	SUN2000-8KTL	8 kW
	SUN2000-10KTL	10 kW
	SUN2000-12KTL	12 kW
	SUN2000-15KTL	15 kW
	SUN2000-17KTL	17 kW
	SUN2000-20KTL	20 kW
	SUN2000-36KTL	36 kW
	SUN2000-42KTL	42 kW
Ingeteam	INGECON SUN 2.5 TL M	2.5 kW
	INGECON SUN 2.7 TL M	2.7 kW
	INGECON SUN 3 TL M	3 kW
	INGECON SUN 3.3 TL M	3.3 kW
	INGECON SUN 3.68 TL M	3.68 kW
	INGECON SUN 4.6 TL M	4.68 kW
	INGECON SUN 5 TL M	5 kW
	INGECON SUN 5.5 TL M	5.5 kW
	INGECON SUN 6 TL M	6 kW
	INGECON SUN 10 TL M	10 kW
	INGECON SUN 12.5 TL M	12.5 kW
	INGECON SUN 15 TL M	15 kW
	INGECON SUN 20 TL M	20 kW
	INGECON SUN 10 TL	10 kW
	INGECON SUN 12.5 TL	12.5 kW

PV INVERTERS		
Manufacturer name	Product ID	Description
Ingeteam	INGECON SUN 15 TL	15 kW
	INGECON SUN 20 TL	20 kW
	INGECON SUN 3 PLAY 10 TL	10 kW
	INGECON SUN 3 PLAY 12.5 TL	12.5 kW
	INGECON SUN 3 PLAY 15 TL	15 kW
	INGECON SUN 3 PLAY 20 TL	20 kW
	INGECON SUN 3 PLAY 28 TL	28 kW
	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
	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
	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
	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
	INGECON SUN 860TL B310	860 kW
	INGECON SUN 890TL B320	890 kW
	INGECON SUN 915TL B330	915 kW



PV INVERTERS		
Manufacturer name	Product ID	Description
Ingeteam	INGECON SUN 940TL B340	940 kW
	INGECON SUN 970TL B350	970 kW
	INGECON SUN 1000TL B360	1000 kW
	INGECON SUN 1025TL B370	1025 kW
	INGECON SUN 1050TL B380	1050 kW
	INGECON SUN 1070TL B385	1070 kW
	INGECON SUN 1080TL B390	1080 kW
	INGECON SUN 1110TL B400	1110 kW
	INGECON SUN 1140TL B410	1140 kW
	INGECON SUN1165TL B420	1165 kW
	INGECON SUN STORAGE 830TL B300	830 kW
	INGECON SUN STORAGE 1000TL B360	1000 kW
	INGECON SUN STORAGE 1070TL B385	1070 kW
	INGECON SUN STORAGE 1110TL B400	1110 kW
KACO new energy	Powador 12.0 TL3-INT	10 kW
	Powador 14.0 TL3-INT	12.5 kW
	Powador 18.0 TL3-INT	15 kW
	Powador 20.0 TL3-INT	17 kW
	Powador 30.0 TL3-M-INT	25 kW
	Powador 33.0 TL3-M-INT	27.5 kW
	Powador 36.0 TL3-M-INT	30 kW
	Powador 39.0 TL3-M-INT	33.3 kW
	Powador 60.0 TL3-M-INT	49.9 kW
	Powador 48.0 TL3-M-INT- Park	40 kW
	Powador 72.0 TL3 - M - INT - Park	60 kW
	Powador 30.0 TL3 - XL - INT	25 kW
	Powador 33.0 TL3 - XL - INT	27.5 kW
	Powador 36.0 TL3 - XL - INT	30 kW
	Powador 39.0 TL3 - XL - INT	33.3 kW
	Powador 60.0 TL3 - XL - INT	49.9 kW
	Powador 48.0 TL3 - XL - INT - Park	40 kW
	Powador 72.0 TL3 - XL - INT - Park	60 kW
	KACO Blueplanet 3.0 TL1M1 WM OD II90	3 kW
	KACO Blueplanet 3.0 TL1M2 WM OD II90	3 kW
	KACO Blueplanet 3.5 TL1M2 WM OD II90	3.45 kW
	KACO Blueplanet 3.7 TL1M2 WM OD II90	3.68 kW
	KACO Blueplanet 4.0 TL1M2 WM OD II90	4 kW
	KACO Blueplanet 4.6 TL1M2 WM OD II90	4.595 kW
	KACO blueplanet 50.0 TL3 M1 WM OD IIGX	50 kW
	KACO blueplanet 50.0 TL3 M1 WM OD IIGM	50 kW
	KACO blueplanet 50.0 TL3 M1 WM OD IIGB	50 kW
LTi REEnergy GmbH	PVM3.57.300 EM	330 kW
REFU Elektronik GmbH	REFUsoI 08K	8.25 kW
	REFUsoI 10K	10 kW
	REFUsoI 13K	13 kW
	REFUsoI 17K	17 kW
	REFUsoI 20K	20 kW
	REFUsoI 23K	23 kW
	REFUsoI 40K	40 kW
	REFUsoI 46K	46 kW
Schneider Electric	Conext RL3000E	3 kW
	Conext RL4000E	4kW
	Conext RL5000E	5kW
	Conext CL20000E	20 kW
	Conext CL25000E	25 kW

PV INVERTERS		
Manufacturer name	Product ID	Description
Shenzhen JingFuYuan Tech. Co., Ltd	JSI 1100TL	1.1 kW
	JSI-1500TL	1.5 kW
	JSI 2000TL	2 kW
	JSI-2500TL	2.5 kW
	JSI-3000TL	3 kW
	JSI-5000TL	5 kW
	SUNTREE 5000TL	5 kW
	SUNTREE 6000TL	6 kW
	SUNTREE 8000TL	8 kW
	SUNTREE 10000TL	10 kW
	SUNTREE 12000TL	12 kW
	SUNTREE 15000TL	15 kW
	SUNTREE 17000TL	17 kW
	SUNTREE 20000TL	20 kW
	SUNTREE 30000TL	30 kW
	SUNTWINS 3300TL	3.3 kW
	SUNTWINS 4000TL	4 kW
	SUNTWINS 5000TL	5 kW
SMA	SB 3000 TL-21	3 kW
	SB 3600 TL-21	3.6 kW
	SB 4000 TL-21	4 kW
	SB 5000 TL-21	5 kW
	STP 5000TL-20	5 kW
	STP 6000TL-20	6 kW
	STP 7000TL-20	7 kW
	STP 8000TL-20	8 kW
	STP 9000TL-20	9 kW
	STP 10000TL-20	10 kW
	STP 12000TL-20	12 kW
	STP 15000TL-10	15 kW
	STP 20000TL-30	20 kW
	STP 25000TL-30	25 kW
	MLX / STP 60	60 kW
Sungrow	SG60KTL	66kw
Trannergy Co. Ltd	SGN 1300 TL	1KW
	SGN 1800TL	1.5KW
	SGN 2300TL	2KW
	SGN2700	2.5KW
	SGN 3000TL	2.8KW
	SGN 3200TL	2.8KW
	SGN 4000TL	3.65KW
	SGN 4600TL	4KW
	SGN 5400TL	4.6KW

INTERFACE PROTECTIONS		
Manufacturer name	Product ID	Description
ABB	CM-UFD.M34	
ZIEHL	SP11021	