

Enphase Energy Module Compatibility List - Updated 8/19/10

The modules on this list have been verified for electrical compatibility with Enphase Microinverters over the temperature range of -25C to +75C. For applications outside of this temperature range, the system designer should verify that the module voltage and/or current does not exceed the microinverter model's nameplate ratings under all expected environmental conditions. The module specification sheet contains all of the necessary module information to make this determination. The ASHRAE Handbook is the recommended source for weather data for a particular location.

IMPORTANT NOTE: The following listing does not address module performance. The correct module size for your application will depend on the specifics of the installation, as outlined in the "Module Rightsizing" whitepaper available on the downloads page, and should be determined by the system designer. A commonly accepted practice is to use a module with an STC power rating of 1.2 times the AC power output rating of the inverter. Many system designers use a multiplier of 1.25 or 1.3. For an M190 this would suggest a module power rating of 228 to 250 watts.

Manufacturer Name	Model Number	Inverter Model
1Soltech	1STH-235	M190-72 or D380-72
1Soltech	1STH-240	M190-72 or D380-72
1Soltech	1STH-245	M190-72 or D380-72
1Soltech	1STH-250	M190-72 or D380-72
AIDE Solar	XZST-155W/24V	M190-72 or D380-72
AIDE Solar	XZST-160W/24V	M190-72 or D380-72
AIDE Solar	XZST-165W/24V	M190-72 or D380-72
AIDE Solar	XZST-170W/24V	M190-72 or D380-72
AIDE Solar	XZST-175W/24V	M190-72 or D380-72
AIDE Solar	XZST-180W/24V	M190-72 or D380-72
AIDE Solar	XZST-185W/24V	M190-72 or D380-72
AIDE Solar	XZST-220W	M190-72 or D380-72
AIDE Solar	XZST-220W(M)	M190-72 or D380-72
AIDE Solar	XZST-230W	M190-72 or D380-72
AIDE Solar	XZST-230W(M)	M190-72 or D380-72
aleo solar AG	S_18.210	M190-72 or D380-72
aleo solar AG	S_18.215	M190-72 or D380-72
aleo solar AG	S_18.220	M190-72 or D380-72
aleo solar AG	S_18.225	M190-72 or D380-72
aleo solar AG	S_18.230	M190-72 or D380-72
Alps Technology Inc	ATI 1650-155	M190-72 or D380-72
Alps Technology Inc	ATI 1650-165	M190-72 or D380-72
Alps Technology Inc	ATI 1650-175	M190-72 or D380-72
Amerisolar (Worldwide Energy & Mfg USA)	AS-5M-160	M190-72 or D380-72
Amerisolar (Worldwide Energy & Mfg USA)	AS-5M-165	M190-72 or D380-72
Amerisolar (Worldwide Energy & Mfg USA)	AS-5M-170	M190-72 or D380-72

Amerisolar (Worldwide Energy & Mfg USA)	AS-5M-175	M190-72 or D380-72
Amerisolar (Worldwide Energy & Mfg USA)	AS-5M-180	M190-72 or D380-72
Amerisolar (Worldwide Energy & Mfg USA)	AS-5M-185	M190-72 or D380-72
Amerisolar (Worldwide Energy & Mfg USA)	AS-6M30-200	M190-72 or D380-72
Amerisolar (Worldwide Energy & Mfg USA)	AS-6M30-210	M190-72 or D380-72
Amerisolar (Worldwide Energy & Mfg USA)	AS-6M30-220	M190-72 or D380-72
Amerisolar (Worldwide Energy & Mfg USA)	AS-6M30-230	M190-72 or D380-72
Andalay Solar, Inc.	ST165-1	M190-72 or D380-72
Andalay Solar, Inc.	ST170-1	M190-72 or D380-72
Andalay Solar, Inc.	ST175-1	M190-72 or D380-72
Astronergy	CHSM 6610M-205	M190-72 or D380-72
Astronergy	CHSM 6610M-210	M190-72 or D380-72
Astronergy	CHSM 6610M-215	M190-72 or D380-72
Astronergy	CHSM 6610M-220	M190-72 or D380-72
Astronergy	CHSM 6610M-225	M190-72 or D380-72
Astronergy	CHSM 6610M-230	M190-72 or D380-72
Astronergy	CHSM 6610M-235	M190-72 or D380-72
Bosch Solar Energy	c-Si M 60-M220 3BB	M190-72 or D380-72
Bosch Solar Energy	c-Si M 60-M225 3BB	M190-72 or D380-72
Bosch Solar Energy	c-Si M 60-M230 3BB	M190-72 or D380-72
Bosch Solar Energy	c-Si M 60-M235 3BB	M190-72 or D380-72
Bosch Solar Energy	c-Si M 60-M240 3BB	M190-72 or D380-72
Bosch Solar Energy	c-Si P 60- 195	M190-72 or D380-72
Bosch Solar Energy	c-Si P 60- 200	M190-72 or D380-72
Bosch Solar Energy	c-Si P 60- 205	M190-72 or D380-72
Bosch Solar Energy	c-Si P 60- 210	M190-72 or D380-72
Bosch Solar Energy	c-Si P 60- 215	M190-72 or D380-72
Bosch Solar Energy	c-Si P 60- 220	M190-72 or D380-72
BP Solar	BP_3225T	M190-72 or D380-72
BP Solar	BP_3230T	M190-72 or D380-72
BP Solar	BP3175B	M190-72 or D380-72
BP Solar	BP3175N	M190-72 or D380-72
BP Solar	BP3180N	M190-72 or D380-72
BP Solar	BP3215B	M190-72 or D380-72
BP Solar	BP175B	M190-72 or D380-72
BP Solar	BP3170B	M190-72 or D380-72
BP Solar	BP3210N	M190-72 or D380-72
BP Solar	BP3220N	M190-72 or D380-72
BP Solar	BP3230N	M190-72 or D380-72
BP Solar	BP4175B	M190-72 or D380-72
BP Solar	BP4175I	M190-72 or D380-72
BP Solar	BP4175N	M190-72 or D380-72
BP Solar	BP4175S	M190-72 or D380-72

BP Solar	BP7175S	M190-72 or D380-72
BP Solar	BP7180S	M190-72 or D380-72
BP Solar	BP7185S	M190-72 or D380-72
BP Solar	SX150B	M190-72 or D380-72
BP Solar	SX160B	M190-72 or D380-72
BP Solar	SX170B	M190-72 or D380-72
BP Solar	SX170I	M190-72 or D380-72
BP Solar	SX170N	M190-72 or D380-72
BP Solar	SX3165B	M190-72 or D380-72
BP Solar	SX3165I	M190-72 or D380-72
BP Solar	SX3165N	M190-72 or D380-72
BP Solar	SX3170B	M190-72 or D380-72
BP Solar	SX3170I	M190-72 or D380-72
BP Solar	SX3170N	M190-72 or D380-72
BP Solar	SX3175B	M190-72 or D380-72
BP Solar	SX3175B_Q	M190-72 or D380-72
BP Solar	SX3175I	M190-72 or D380-72
BP Solar	SX3175N	M190-72 or D380-72
BP Solar	SX3175N_Q	M190-72 or D380-72
BYD Company	BYD-165P5-36	M190-72 or D380-72
BYD Company	BYD-170P5-36	M190-72 or D380-72
BYD Company	BYD-175P5-36	M190-72 or D380-72
BYD Company	BYD-180P5-36	M190-72 or D380-72
BYD Company	BYD-215P6-30	M190-72 or D380-72
BYD Company	BYD-220P6-30	M190-72 or D380-72
BYD Company	BYD-225P6-30	M190-72 or D380-72
BYD Company	BYD-230P6-30	M190-72 or D380-72
BYD Company	BYD-235P6-30	M190-72 or D380-72
BYD Company	BYD-240P6-30	M190-72 or D380-72
CA Solar LLC	MSM-165	M190-72 or D380-72
CA Solar LLC	MSM-170	M190-72 or D380-72
CA Solar LLC	MSM-175	M190-72 or D380-72
CA Solar LLC	MSM-180	M190-72 or D380-72
Canadian Solar	CS5A-150	M190-72 or D380-72
Canadian Solar	CS5A-160	M190-72 or D380-72
Canadian Solar	CS5A-170	M190-72 or D380-72
Canadian Solar	CS5A-180	M190-72 or D380-72
Canadian Solar	CS5B-150	M190-72 or D380-72
Canadian Solar	CS5B-160	M190-72 or D380-72
Canadian Solar	CS5B-170	M190-72 or D380-72
Canadian Solar	CS6P-180PE	M190-72 or D380-72
Canadian Solar	CS6P-185PE	M190-72 or D380-72
Canadian Solar	CS6P-190PE	M190-72 or D380-72

Canadian Solar	CS6P-190PE	M190-72 or D380-72
Canadian Solar	CS6P-195PE	M190-72 or D380-72
Canadian Solar	CS6P-195PE	M190-72 or D380-72
Canadian Solar	CS6P-200PE	M190-72 or D380-72
Canadian Solar	CS6P-200PE	M190-72 or D380-72
Canadian Solar	CS6P-205PE	M190-72 or D380-72
Canadian Solar	CS6P-205PE	M190-72 or D380-72
Canadian Solar	CS6P-210PE	M190-72 or D380-72
Canadian Solar	CS6P-210PE	M190-72 or D380-72
Canadian Solar	CS6P-215PE	M190-72 or D380-72
Canadian Solar	CS6P-220M	M190-72 or D380-72
Canadian Solar	CS6P-220P	M190-72 or D380-72
Canadian Solar	CS6P-220PE	M190-72 or D380-72
Canadian Solar	CS6P-225M	M190-72 or D380-72
Canadian Solar	CS6P-225P	M190-72 or D380-72
Canadian Solar	CS6P-230M	M190-72 or D380-72
Canadian Solar	CS6P-230P	M190-72 or D380-72
Canadian Solar	CS6P-235M	M190-72 or D380-72
Canadian Solar	CS6P-235P	M190-72 or D380-72
Canadian Solar	CS6P-240M	M190-72 or D380-72
Canadian Solar	CS6P-240P	M190-72 or D380-72
Canadian Solar	CS6P-245M	M190-72 or D380-72
Canadian Solar	CS6P-245P	M190-72 or D380-72
Canadian Solar	CS6P-250M	M190-72 or D380-72
Canadian Solar	CS6P-250P	M190-72 or D380-72
CEEG (Shanghai) Solar Science and Technology Co., Ltd.	SST 155-72M	M190-72 or D380-72
CEEG (Shanghai) Solar Science and Technology Co., Ltd.	SST 160-72M	M190-72 or D380-72
CEEG (Shanghai) Solar Science and Technology Co., Ltd.	SST 165-72M	M190-72 or D380-72
CEEG (Shanghai) Solar Science and Technology Co., Ltd.	SST 170-72M	M190-72 or D380-72
CEEG (Shanghai) Solar Science and Technology Co., Ltd.	SST 175-72M	M190-72 or D380-72
CEEG (Shanghai) Solar Science and Technology Co., Ltd.	SST 180-72M	M190-72 or D380-72
CEEG (Shanghai) Solar Science and Technology Co., Ltd.	SST 185-72M	M190-72 or D380-72
CEEG (Shanghai) Solar Science and Technology Co., Ltd.	SST 190-72M	M190-72 or D380-72
Centennial Solar	CS 180	M190-72 or D380-72
Centennial Solar	CS 190	M190-72 or D380-72

Centennial Solar	CS 200	M190-72 or D380-72
Centennial Solar	CS 210	M190-72 or D380-72
Centennial Solar	CS 220	M190-72 or D380-72
Centennial Solar	CS 230	M190-72 or D380-72
Centrosolar America, Inc.	E220	M190-72 or D380-72
Centrosolar America, Inc.	E220B	M190-72 or D380-72
Centrosolar America, Inc.	E225	M190-72 or D380-72
Centrosolar America, Inc.	E225B	M190-72 or D380-72
Centrosolar America, Inc.	E230	M190-72 or D380-72
Centrosolar America, Inc.	E230B	M190-72 or D380-72
Centrosolar America, Inc.	D240	M190-72 or D380-72
Centrosolar America, Inc.	D200	M190-72 or D380-72
Centrosolar America, Inc.	D210	M190-72 or D380-72
Centrosolar America, Inc.	D220	M190-72 or D380-72
Centrosolar America, Inc.	D230	M190-72 or D380-72
Chaori Solar Module	CRM175S	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-5612M-170	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-5612M-175	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-5612M-180	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-5612M-185	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-5612M-190	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-6610M-215	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-6610M-220	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-6610M-225	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-6610M-230	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-6610M-235	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-6610P-210	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-6610P-215	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-6610P-220	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-6610P-225	M190-72 or D380-72
Chint Solar (Zhejiang) Ltd	CHSM-6610P-230	M190-72 or D380-72
Conergy	Black 225PA	M190-72 or D380-72
Conergy	Black 230PA	M190-72 or D380-72
Conergy	P 180M	M190-72 or D380-72
Conergy	P 230PA	M190-72 or D380-72
Conergy	P 235PA	M190-72 or D380-72
Conergy	PowerPlus 215P	M190-72 or D380-72
Conergy	PowerPlus 220P	M190-72 or D380-72
Conergy	PowerPlus 225P	M190-72 or D380-72
Conergy AG	S 175MU	M190-72 or D380-72
Crown Renewable Energy LLC	CR160XP	M190-72 or D380-72
Crown Renewable Energy LLC	CR180XM	M190-72 or D380-72
CSG PVTech	CSG150S1-35/1589*807	M190-72 or D380-72

CSG PVTech	CSG155S1-35/1589*807	M190-72 or D380-72
CSG PVTech	CSG160S1-35/1589*807	M190-72 or D380-72
CSG PVTech	CSG165S1-35/1589*807	M190-72 or D380-72
CSG PVTech	CSG170S2-36/1589*807	M190-72 or D380-72
CSG PVTech	CSG175S2-36/1589*807	M190-72 or D380-72
CSG PVTech	CSG180S2-36/1589*807	M190-72 or D380-72
CSG PVTech	CSG200M2-30/1640*992	M190-72 or D380-72
CSG PVTech	CSG205M2-30/1640*992	M190-72 or D380-72
CSG PVTech	CSG210M2-30/1640*992	M190-72 or D380-72
CSG PVTech	CSG215M2-30/1640*992	M190-72 or D380-72
CSG PVTech	CSG220M2-30/1640*992	M190-72 or D380-72
CSG PVTech	CSG225M2-30/1640*992	M190-72 or D380-72
CSG PVTech	CSG230M2-30/1640*992	M190-72 or D380-72
Day4 Energy	60MC-I-205	M190-72 or D380-72
Day4 Energy	60MC-I-210	M190-72 or D380-72
Day4 Energy	60MC-I-215	M190-72 or D380-72
Day4 Energy	60MC-I-220	M190-72 or D380-72
Day4 Energy	60MC-I-225	M190-72 or D380-72
Day4 Energy	60MC-I-230	M190-72 or D380-72
Day4 Energy	60MC-I-235	M190-72 or D380-72
DelSolar	D6P210A3E	M190-72 or D380-72
DelSolar	D6P215A3E	M190-72 or D380-72
DelSolar	D6P220A3E	M190-72 or D380-72
DelSolar	D6P225A3E	M190-72 or D380-72
DelSolar	D6P230A3E	M190-72 or D380-72
EcoSolargy	SDM-170/(155)-72M	M190-72 or D380-72
EcoSolargy	SDM-170/(160)-72M	M190-72 or D380-72
EcoSolargy	SDM-170/(165)-72M	M190-72 or D380-72
EcoSolargy	SDM-170/(170)-72M	M190-72 or D380-72
EcoSolargy	SDM-170/(175)-72M	M190-72 or D380-72
EcoSolargy	SDM-170/(180)-72M	M190-72 or D380-72
EcoSolargy	SDM-170/(185)-72M	M190-72 or D380-72
ecoSolargy Inc	SDM-170/(155)-72M	M190-72 or D380-72
ecoSolargy Inc	SDM-170/(160)-72M	M190-72 or D380-72
ecoSolargy Inc	SDM-170/(165)-72M	M190-72 or D380-72
ecoSolargy Inc	SDM-170/(170)-72M	M190-72 or D380-72
ecoSolargy Inc	SDM-170/(175)-72M	M190-72 or D380-72
ecoSolargy Inc	SDM-170/(180)-72M	M190-72 or D380-72
ecoSolargy Inc	SDM-170/(185)-72M	M190-72 or D380-72
ecoSolargy Inc	TWES-(155)72M	M190-72 or D380-72
ecoSolargy Inc	TWES-(160)72M	M190-72 or D380-72
ecoSolargy Inc	TWES-(165)72M	M190-72 or D380-72
ecoSolargy Inc	TWES-(170)72M	M190-72 or D380-72

ecoSolargy Inc	TWES-(175)72M	M190-72 or D380-72
ecoSolargy Inc	TWES-(180)72M	M190-72 or D380-72
ecoSolargy Inc	TWES-(200)60P	M190-72 or D380-72
ecoSolargy Inc	TWES-(205)60P	M190-72 or D380-72
ecoSolargy Inc	TWES-(210)60P	M190-72 or D380-72
ecoSolargy Inc	TWES-(215)60P	M190-72 or D380-72
ecoSolargy Inc	TWES-(220)60P	M190-72 or D380-72
ecoSolargy Inc	TWES-(225)60P	M190-72 or D380-72
ecoSolargy Inc	TWES-(230)60P	M190-72 or D380-72
ecoSolargy Inc	TWES-(235)60P	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-M572155	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-M572160	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-M572165	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-M572170	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-M572175	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-M572180	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-M572185	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-P660200	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-P660205	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-P660210	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-P660215	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-P660220	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-P660225	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-P660230	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-P660235	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-P660240	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-P672240	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-P672245	M190-72 or D380-72
ET Solar Industry, Ltd.	ET-P672250	M190-72 or D380-72
Fath Solar	FS 205 AP S2 plus	M190-72 or D380-72
Fath Solar	FS 210 AP S2 plus	M190-72 or D380-72
Fath Solar	FS 215 AP S2 plus	M190-72 or D380-72
Fath Solar	FS 220 AP S2 plus	M190-72 or D380-72
Fath Solar	FS 225 AP S2 plus	M190-72 or D380-72
Fath Solar	FS 230 AP S2 plus	M190-72 or D380-72
Fluitcinek	FTS-210P	M190-72 or D380-72
Fluitcinek	FTS-215P	M190-72 or D380-72
Fluitcinek	FTS-220P	M190-72 or D380-72
Fluitcinek	FTS-225P	M190-72 or D380-72
Fluitcinek	FTS-230B	M190-72 or D380-72
Fluitcinek	FTS-230M	M190-72 or D380-72
Fluitcinek	FTS-230P	M190-72 or D380-72
Fluitcinek	FTS-235B	M190-72 or D380-72

Fluicinek	FTS-235M	M190-72 or D380-72
Fluicinek	FTS-240B	M190-72 or D380-72
Fluicinek	FTS-240M	M190-72 or D380-72
Fluicinek	FTS-245B	M190-72 or D380-72
Fluicinek	FTS-245M	M190-72 or D380-72
Fluicinek	FTS-250P	M190-72 or D380-72
FRlenergy	HS-170-72	M190-72 or D380-72
FRlenergy	HS-200-60	M190-72 or D380-72
FRlenergy	HS-220-60	M190-72 or D380-72
FRlenergy	HS-230-60	M190-72 or D380-72
GE Solar	GES-P220	M190-72 or D380-72
GE Solar	GES-P225	M190-72 or D380-72
GE Solar	GES-P230	M190-72 or D380-72
GE Solar	GES-P235	M190-72 or D380-72
GE Solar	GES-P240	M190-72 or D380-72
Gloria Solar Co., Ltd.	GSS5-170A-U01	M190-72 or D380-72
Gloria Solar Co., Ltd.	GSS5-180A-U01	M190-72 or D380-72
Gloria Solar Co., Ltd.	GSS5-190A-U01	M190-72 or D380-72
Grape Solar	CS-P-220-DJ	M190-72 or D380-72
Grape Solar	CS-P-230-DJ	M190-72 or D380-72
Grape Solar	CS-S-175-DJ	M190-72 or D380-72
Grape Solar	CS-S-180-DJ	M190-72 or D380-72
Green Brilliance	GB60P6-225	M190-72 or D380-72
Green Brilliance	GB60P6-230	M190-72 or D380-72
Greenlite Solar	GLS220	M190-72 or D380-72
Heliene	HEE210UA59	M190-72 or D380-72
Heliene	HEE210UA60	M190-72 or D380-72
Heliene	HEE210UA61	M190-72 or D380-72
Heliene	HEE210UA62	M190-72 or D380-72
Heliene	HEE210UA63	M190-72 or D380-72
Heliene	HEE210UA64	M190-72 or D380-72
Heliene	HEE210UA65	M190-72 or D380-72
Isofoton	ISF-235	M190-72 or D380-72
Isofoton	I-150 S/24	M190-72 or D380-72
Isofoton	IS-150/24	M190-72 or D380-72
Isofoton	IS-155/24	M190-72 or D380-72
Isofoton	IS-160/24	M190-72 or D380-72
Isofoton	IS-165/24	M190-72 or D380-72
Isofoton	IS-175/24	M190-72 or D380-72
Isofoton	ISF-215	M190-72 or D380-72
Isofoton	ISF-220	M190-72 or D380-72
Isofoton	ISF-225	M190-72 or D380-72
Isofoton	ISF-230	M190-72 or D380-72

JA Solar	JAM5(L)-170	M190-72 or D380-72
JA Solar	JAM5(L)-175	M190-72 or D380-72
JA Solar	JAM5(L)-180	M190-72 or D380-72
JA Solar	JAM5(L)-185	M190-72 or D380-72
JA Solar	JAM6-210	M190-72 or D380-72
JA Solar	JAM6-215	M190-72 or D380-72
JA Solar	JAM6-220	M190-72 or D380-72
JA Solar	JAM6-225	M190-72 or D380-72
JA Solar	JAM6-230	M190-72 or D380-72
JA Solar	JAM6-235	M190-72 or D380-72
JA Solar	JAM6-240	M190-72 or D380-72
Jiangsu Aide Solar Energy Technology Co Ltd	XZST-170W/24V	M190-72 or D380-72
Jiangsu Aide Solar Energy Technology Co Ltd	XZST-180W/24V	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-M150	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-M155	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-M160	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-M165	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-M170	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-M175	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-M180	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-M185	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-P155	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-P160	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-P165	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-P170	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-P175	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-P180	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-P185	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-P190	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF160-24-P195	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-M200	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-M205	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-M210	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-M215	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-M220	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-M225	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-M230	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-M235	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-M240	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-P200	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-P205	M190-72 or D380-72

Jiangsu Linyang Solarfun Co Ltd	SF220-30-P210	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-P215	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-P220	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-P225	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-P230	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-P235	M190-72 or D380-72
Jiangsu Linyang Solarfun Co Ltd	SF220-30-P240	M190-72 or D380-72
Jiangyin Jetion	JT160 (34)	M190-72 or D380-72
Jiangyin Jetion	JT165 (34)	M190-72 or D380-72
Jiangyin Jetion	JT170 (35)	M190-72 or D380-72
Jiangyin Jetion	JT175 (35)	M190-72 or D380-72
Jiangyin Jetion	JT180 (36)	M190-72 or D380-72
Jiangyin Jetion	JT185 (36)	M190-72 or D380-72
Jiangyin Jetion	JT190 (36)	M190-72 or D380-72
Jiangyin Jetion	JT200 (29)	M190-72 or D380-72
Jiangyin Jetion	JT205 (29)	M190-72 or D380-72
Jiangyin Jetion	JT210 (29)	M190-72 or D380-72
Jiangyin Jetion	JT215 (29)	M190-72 or D380-72
Jiangyin Jetion	JT220 (30)	M190-72 or D380-72
Jiangyin Jetion	JT225 (30)	M190-72 or D380-72
Jiangyin Jetion	JT230 (30)	M190-72 or D380-72
Jiangyin Jetion	JT240 (34)	M190-72 or D380-72
Jiangyin Jetion	JT250 (35)	M190-72 or D380-72
Jiawei	JW-G2250 / QC6660P	M190-72 or D380-72
Jiawei	JW-G2300 / QC6660P	M190-72 or D380-72
Jiawei	JW-G2350 / QC6660P	M190-72 or D380-72
Jiawei	JW-G2400 / QC6660P	M190-72 or D380-72
Jiawei	JW-G2450 / QC6660P	M190-72 or D380-72
Jinko Solar	JKM-200M-60	M190-72 or D380-72
Jinko Solar	JKM-200P-60	M190-72 or D380-72
Jinko Solar	JKM-205M-60	M190-72 or D380-72
Jinko Solar	JKM-205P-60	M190-72 or D380-72
Jinko Solar	JKM-210M-60	M190-72 or D380-72
Jinko Solar	JKM-210P-60	M190-72 or D380-72
Jinko Solar	JKM-215M-60	M190-72 or D380-72
Jinko Solar	JKM-215P-60	M190-72 or D380-72
Jinko Solar	JKM-220M-60	M190-72 or D380-72
Jinko Solar	JKM-220P-60	M190-72 or D380-72
Jinko Solar	JKM-225M-60	M190-72 or D380-72
Jinko Solar	JKM-225P-60	M190-72 or D380-72
Jinko Solar	JKM-230M-60	M190-72 or D380-72
Jinko Solar	JKM-230P-60	M190-72 or D380-72
Jinko Solar	JKM-235M-60	M190-72 or D380-72

Jinko Solar	JKM-235P-60	M190-72 or D380-72
Jinko Solar	JKM-240M-60	M190-72 or D380-72
Jinko Solar	JKM-240P-60	M190-72 or D380-72
Jinko Solar	JKM-250M-72	M190-72 or D380-72
Jinko Solar	JKM-250P-72	M190-72 or D380-72
Juli New Energy Co.	JLS60P200W	M190-72 or D380-72
Juli New Energy Co.	JLS60P205W	M190-72 or D380-72
Juli New Energy Co.	JLS60P210W	M190-72 or D380-72
Juli New Energy Co.	JLS60P215W	M190-72 or D380-72
Juli New Energy Co.	JLS60P220W	M190-72 or D380-72
Juli New Energy Co.	JLS60P225W	M190-72 or D380-72
Juli New Energy Co.	JLS60P230W	M190-72 or D380-72
Juli New Energy Co.	JLS60P235W	M190-72 or D380-72
Juli New Energy Co.	JLS60P240W	M190-72 or D380-72
Juli New Energy Co.	JLS72P160W	M190-72 or D380-72
Juli New Energy Co.	JLS72P165W	M190-72 or D380-72
Juli New Energy Co.	JLS72P170W	M190-72 or D380-72
Juli New Energy Co.	JLS72P175W	M190-72 or D380-72
Juli New Energy Co.	JLS72P180W	M190-72 or D380-72
Juli New Energy Co.	JLS72P185W	M190-72 or D380-72
Juli New Energy Co.	JLS72P190W	M190-72 or D380-72
Kenmec Mechanical Engineering	TKSA-21501	M190-72 or D380-72
Kenmec Mechanical Engineering	TKSA-22001	M190-72 or D380-72
Kenmec Mechanical Engineering	TKSA-22501	M190-72 or D380-72
Kenmec Mechanical Engineering	TKSA-23001	M190-72 or D380-72
Kenmec Mechanical Engineering	TKSA-23501	M190-72 or D380-72
Kyocera Solar, Inc.	KD235GX-LPB	M190-72 or D380-72
Ligitek Photovoltaic Co Ltd	LM200BB00	M190-72 or D380-72
Ligitek Photovoltaic Co Ltd	LM210BB00	M190-72 or D380-72
Ligitek Photovoltaic Co Ltd	LM220BB00	M190-72 or D380-72
Ligitek Photovoltaic Co Ltd	LM230BB00	M190-72 or D380-72
Lumos Solar	LS 185 - M24	M190-72 or D380-72
MAGE Solar	170 / 5 MJ	M190-72 or D380-72
MAGE Solar	170/5 ME	M190-72 or D380-72
MAGE Solar	175 / 5 MJ	M190-72 or D380-72
MAGE Solar	175/5 ME	M190-72 or D380-72
MAGE Solar	180/ 5 MJ	M190-72 or D380-72
MAGE Solar	180/5 ME	M190-72 or D380-72
MAGE Solar	185/ 5 MJ	M190-72 or D380-72
MAGE Solar	220 / 6 PJ	M190-72 or D380-72
MAGE Solar	225 / 6 PJ	M190-72 or D380-72
MAGE Solar	230 / 6 PJ	M190-72 or D380-72
Matrix Solar/Photowatt	PW1650-155	M190-72 or D380-72

Matrix Solar/Photowatt	PW1650-165	M190-72 or D380-72
Matrix Solar/Photowatt	PW1650-175	M190-72 or D380-72
Mitsubishi Electric Corporation	PV-UJ212GA6	M190-72 or D380-72
Mitsubishi Electric Corporation	PV-UJ218GA6	M190-72 or D380-72
Mitsubishi Electric Corporation	PV-UJ225GA6	M190-72 or D380-72
Mitsubishi Electric Corporation	PV-UJ230GA6	M190-72 or D380-72
Mitsubishi Electric Corporation	PV-UJ235GA6	M190-72 or D380-72
Moser Baer	MBPV-CAAP-200	M190-72 or D380-72
Moser Baer	MBPV-CAAP-205	M190-72 or D380-72
Moser Baer	MBPV-CAAP-210	M190-72 or D380-72
Moser Baer	MBPV-CAAP-215	M190-72 or D380-72
Moser Baer	MBPV-CAAP-220	M190-72 or D380-72
Moser Baer	MBPV-CAAP-225	M190-72 or D380-72
Moser Baer	MBPV-CAAP-230	M190-72 or D380-72
Nanosolar	160	M190-72 or D380-72
Nanosolar	170	M190-72 or D380-72
Nanosolar	180	M190-72 or D380-72
Nanosolar	190	M190-72 or D380-72
Nanosolar	200	M190-72 or D380-72
Nanosolar	210	M190-72 or D380-72
Nanosolar	220	M190-72 or D380-72
NESL Solar	DJ-200PB	M190-72 or D380-72
NESL Solar	DJ-210P	M190-72 or D380-72
NESL Solar	DJ-220P	M190-72 or D380-72
NESL Solar	DJ-230P	M190-72 or D380-72
Nexus Energy Solutions	DJ-165D	M190-72 or D380-72
Nexus Energy Solutions	DJ-170D	M190-72 or D380-72
Nexus Energy Solutions	DJ-175D	M190-72 or D380-72
Nexus Energy Solutions	DJ-180D	M190-72 or D380-72
Nexus Energy Solutions	DJ-200P	M190-72 or D380-72
Nexus Energy Solutions	DJ-210P	M190-72 or D380-72
Nexus Energy Solutions	DJ-220P	M190-72 or D380-72
Nexus Energy Solutions	DJ-230P	M190-72 or D380-72
Ningbo Maxsolar	MP-165WP	M190-72 or D380-72
Ningbo Maxsolar	MP-170WP	M190-72 or D380-72
Ningbo Maxsolar	MP-175WP	M190-72 or D380-72
Ningbo Maxsolar	MP-180WP	M190-72 or D380-72
Ningbo Maxsolar	MP-185WP	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TDB125X125-72-P 150W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TDB125X125-72-P 155W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TDB125X125-72-P 160W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TDB125X125-72-P 165W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TDB125X125-72-P 170W	M190-72 or D380-72

Ningbo Solar Electric Power Co Ltd	TDB125X125-72-P 175W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TDB125X125-72-P 180W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TPB156x156-60-P 200W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TPB156x156-60-P 205W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TPB156x156-60-P 210W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TPB156x156-60-P 215W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TPB156x156-60-P 220W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TPB156x156-60-P 225W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TPB156x156-60-P 230W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TPB156x156-72-P 220W	M190-72 or D380-72
Ningbo Solar Electric Power Co Ltd	TPB156x156-72-P 230W	M190-72 or D380-72
Pevafersa America	IP-VAP 200	M190-72 or D380-72
Pevafersa America	IP-VAP 210	M190-72 or D380-72
Pevafersa America	IP-VAP 220	M190-72 or D380-72
Pevafersa America	IP-VAP 230	M190-72 or D380-72
Pevafersa America	IP-VAP 240	M190-72 or D380-72
Phono Solar	PS210M-20/U	M190-72 or D380-72
Phono Solar	PS215M-20/U	M190-72 or D380-72
Phono Solar	PS220M-20/U	M190-72 or D380-72
Phono Solar	PS225M-20/U	M190-72 or D380-72
Phono Solar	PS230M-20/U	M190-72 or D380-72
Phono Solar	PS230M-20/U	M190-72 or D380-72
Phono Solar	PS235M-20/U	M190-72 or D380-72
Photowatt	PW1650	M190-72 or D380-72
Photowatt	PW1750	M190-72 or D380-72
PLI Solar	SE-M210	M190-72 or D380-72
PLI Solar	SE-M215	M190-72 or D380-72
PLI Solar	SE-M220	M190-72 or D380-72
PLI Solar	SE-M225	M190-72 or D380-72
PLI Solar	SE-M230	M190-72 or D380-72
PLI Solar	SE-M235	M190-72 or D380-72
REC Group	REC205AE-US	M190-72 or D380-72
REC Group	REC210AE-US	M190-72 or D380-72
REC Group	REC215 PE-US	M190-72 or D380-72
REC Group	REC215AE-US	M190-72 or D380-72
REC Group	REC220 PE-US	M190-72 or D380-72
REC Group	REC220AE-US	M190-72 or D380-72
REC Group	REC225 PE-US	M190-72 or D380-72
REC Group	REC225AE-US	M190-72 or D380-72
REC Group	REC230 PE-US	M190-72 or D380-72
REC Group	REC230AE-US	M190-72 or D380-72
REC Group	REC235 PE-US	M190-72 or D380-72
REC Group	SCM205	M190-72 or D380-72

REC Group	SCM210	M190-72 or D380-72
REC Group	SCM215	M190-72 or D380-72
REC Group	SCM220	M190-72 or D380-72
REC Group	SCM225	M190-72 or D380-72
REC Group	SCM230	M190-72 or D380-72
Ritek Solar	PM215	M190-72 or D380-72
Ritek Solar	PM220	M190-72 or D380-72
Ritek Solar	PM225	M190-72 or D380-72
Ritek Solar	PM230	M190-72 or D380-72
Samsung	LPC235SM	M190-72 or D380-72
Samsung	LPC238SM	M190-72 or D380-72
Samsung	LPC241SM	M190-72 or D380-72
Samsung	LPC244SM	M190-72 or D380-72
Samsung	LPC247SM	M190-72 or D380-72
Samsung	LPC250SM	M190-72 or D380-72
Sanyo Electric Co. Ltd.	HIP-205NKHA5	M210-84
Sanyo Electric Co. Ltd.	HIP-210NKHA5	M210-84
Sanyo Electric Co. Ltd.	HIP-215NKHA5	M210-84
Sanyo Electric Co. Ltd.	HIT-N210A01	M210-84
Sanyo Electric Co. Ltd.	HIT-N215A01	M210-84
Sanyo Electric Co. Ltd.	HIT-N220A01	M210-84
Scheuten Solar	P6-60i-215	M190-72 or D380-72
Scheuten Solar	P6-60i-220	M190-72 or D380-72
Scheuten Solar	P6-60i-225	M190-72 or D380-72
Schott Solar, Inc.	Poly 202	M190-72 or D380-72
Schott Solar, Inc.	Poly 210	M190-72 or D380-72
Schott Solar, Inc.	Poly 217	M190-72 or D380-72
Schott Solar, Inc.	Poly 220	M190-72 or D380-72
Schott Solar, Inc.	Poly 225	M190-72 or D380-72
Schott Solar, Inc.	Poly 230	M190-72 or D380-72
Schott Solar, Inc.	Poly 235	M190-72 or D380-72
Schott Solar, Inc.	SAPC-165	M190-72 or D380-72
Schott Solar, Inc.	SAPC-165S	M190-72 or D380-72
Schott Solar, Inc.	SAPC-170	M190-72 or D380-72
Schott Solar, Inc.	SAPC-175	M190-72 or D380-72
Schuco USA LP	MPE-170-MS05	M190-72 or D380-72
Schuco USA LP	MPE-175-MS05	M190-72 or D380-72
Schuco USA LP	MPE-180-MS05	M190-72 or D380-72
Schuco USA LP	MPE-200-PS04	M190-72 or D380-72
Schuco USA LP	MPE-205-PS04	M190-72 or D380-72
Schuco USA LP	MPE-210-PS04	M190-72 or D380-72
Schuco USA LP	MPE-215-PS04	M190-72 or D380-72
Schuco USA LP	MPE-220-PS04	M190-72 or D380-72

Schuco USA LP	MPE-220-PS09	M190-72 or D380-72
Schuco USA LP	MPE-225-PS04	M190-72 or D380-72
Schuco USA LP	MPE-225-PS09	M190-72 or D380-72
Schuco USA LP	MPE-230-PS04	M190-72 or D380-72
Schuco USA LP	MPE-230-PS09	M190-72 or D380-72
Schuco USA LP	MPE-235-PS04	M190-72 or D380-72
SCN Energy	SCN-155-72M	M190-72 or D380-72
SCN Energy	SCN-160-72M	M190-72 or D380-72
SCN Energy	SCN-165-72M	M190-72 or D380-72
SCN Energy	SCN-170-72M	M190-72 or D380-72
SCN Energy	SCN-175-72M	M190-72 or D380-72
SCN Energy	SCN-180-72M	M190-72 or D380-72
SCN Energy	SCN-185-72M	M190-72 or D380-72
SCN Energy	SCN-190-72M	M190-72 or D380-72
SET-Solar	SDM-170/(175)-72M	M190-72 or D380-72
SET-Solar	SDM-170/(180)-72M	M190-72 or D380-72
SET-Solar	SDM-170/(185)-72M	M190-72 or D380-72
SET-Solar	SETA-125-150W-72M	M190-72 or D380-72
SET-Solar	SETA-125-155W-72M	M190-72 or D380-72
SET-Solar	SETA-125-160W-72M	M190-72 or D380-72
SET-Solar	SETA-125-165W-72M	M190-72 or D380-72
SET-Solar	SETA-125-170W-72M	M190-72 or D380-72
SET-Solar	SETA-125-175W-72M	M190-72 or D380-72
SET-Solar	SETA-125-180W-72M	M190-72 or D380-72
SET-Solar	SETA-125-185W-72M	M190-72 or D380-72
Shanghai Chaori Solar Energy Science & Technology	CRM210S156P-60	M190-72 or D380-72
Shanghai Chaori Solar Energy Science & Technology	CRM220S156P-60	M190-72 or D380-72
Shanghai Chaori Solar Energy Science & Technology	CRM240S156P-60	M190-72 or D380-72
Shanghai Chaori Solar Energy Science & Technology	CRM250S156P-60	M190-72 or D380-72
Shanghai Chaori Solar Energy Science & Technology	CRM250S156P-72	M190-72 or D380-72
Sharp Corporation	ND-200U1	M190-72 or D380-72
Sharp Corporation	ND-200U1F	M190-72 or D380-72
Sharp Corporation	ND-200U2	M190-72 or D380-72
Sharp Corporation	ND-205U1	M190-72 or D380-72
Sharp Corporation	ND-208U1	M190-72 or D380-72
Sharp Corporation	ND-208U1F	M190-72 or D380-72
Sharp Corporation	ND-208U2	M190-72 or D380-72
Sharp Corporation	ND-216U1F	M190-72 or D380-72

Sharp Corporation	ND-216U2	M190-72 or D380-72
Sharp Corporation	ND-220U1F	M190-72 or D380-72
Sharp Corporation	ND-220U2	M190-72 or D380-72
Sharp Corporation	ND-220UC1	M190-72 or D380-72
Sharp Corporation	ND-224U1F	M190-72 or D380-72
Sharp Corporation	ND-224U2	M190-72 or D380-72
Sharp Corporation	ND-224UC1	M190-72 or D380-72
Sharp Corporation	ND-U224C1	M190-72 or D380-72
Sharp Corporation	ND-U230C1	M190-72 or D380-72
Sharp Corporation	ND-V230A1	M190-72 or D380-72
Sharp Corporation	NE-165U1	M190-72 or D380-72
Sharp Corporation	NE-165U5	M190-72 or D380-72
Sharp Corporation	NE-170U1	M190-72 or D380-72
Sharp Corporation	NT-175U1	M190-72 or D380-72
Sharp Corporation	NT-180U1	M190-72 or D380-72
Sharp Corporation	NT-185U1	M190-72 or D380-72
Sharp Corporation	NU-U230F3	M190-72 or D380-72
Sharp Corporation	NU-U230F3	M190-72 or D380-72
Sharp Corporation	NU-U235F1	M190-72 or D380-72
Sharp Corporation	NU-U230F3	M190-72 or D380-72
Sharp Corporation	NU-U235F3	M190-72 or D380-72
Sharp Corporation	NU-U240F1	M190-72 or D380-72
Shell Solar Industries	Shell PowerMax Ultra 165-P	M190-72 or D380-72
Shell Solar Industries	Shell PowerMax Ultra 165-PC	M190-72 or D380-72
Shell Solar Industries	Shell PowerMax Ultra 175-P	M190-72 or D380-72
Shell Solar Industries	Shell PowerMax Ultra 175-PC	M190-72 or D380-72
Shell Solar Industries	SQ150-P	M190-72 or D380-72
Shell Solar Industries	SQ150-PC	M190-72 or D380-72
Shell Solar Industries	SQ160-P	M190-72 or D380-72
Shell Solar Industries	SQ160-PC	M190-72 or D380-72
Shell Solar Industries	SQ165-P	M190-72 or D380-72
Shell Solar Industries	SQ165-PC	M190-72 or D380-72
Shell Solar Industries	SQ175-P	M190-72 or D380-72
Shell Solar Industries	SQ175-PC	M190-72 or D380-72
Siemens Solar Industries	SP150-24P	M190-72 or D380-72
Siliken California Corp	SLK60P6L 205 Wp	M190-72 or D380-72
Siliken California Corp	SLK60P6L 210 Wp	M190-72 or D380-72
Siliken California Corp	SLK60P6L 215 Wp	M190-72 or D380-72
Siliken California Corp	SLK60P6L 220 Wp	M190-72 or D380-72
Siliken California Corp	SLK60P6L 225 Wp	M190-72 or D380-72
Siliken California Corp	SLK60P6L 230 Wp	M190-72 or D380-72

Siliken California Corp	SLK60P6L 235 Wp	M190-72 or D380-72
Siliken California Corp	SLK60P6L 240 Wp	M190-72 or D380-72
Solar Panels Plus	SPP230	M190-72 or D380-72
Solar Power Inc.	SP170	M190-72 or D380-72
Solar Power Industries	SPI-M170-60	M190-72 or D380-72
Solar Power Industries	SPI-M180-60	M190-72 or D380-72
Solar Power Industries	SPI-M190-60	M190-72 or D380-72
Solar Power Industries	SPI-M200-60	M190-72 or D380-72
Solar Semiconductor	SSI-M6-225	M190-72 or D380-72
Solar Semiconductor	SSI-S6-225	M190-72 or D380-72
Solaria	210W	M190-72 or D380-72
Solaria	220W	M190-72 or D380-72
Solaria	230W	M190-72 or D380-72
Solartec	S72MC-160	M190-72 or D380-72
Solartec	S72MC-165	M190-72 or D380-72
Solartec	S72MC-170	M190-72 or D380-72
Solartec	S72MC-175	M190-72 or D380-72
Solartec	S72MC-180	M190-72 or D380-72
Solartec	S72MC-185	M190-72 or D380-72
Solartec	S72MC-190	M190-72 or D380-72
Solartech Power Inc.	SPM200P	M190-72 or D380-72
Solartech Power Inc.	SPM205P	M190-72 or D380-72
Solartech Power Inc.	SPM210P	M190-72 or D380-72
Solartech Power Inc.	SPM215P	M190-72 or D380-72
Solartech Power Inc.	SPM220P	M190-72 or D380-72
Solartech Power Inc.	SPM225P	M190-72 or D380-72
Solartech Power Inc.	SPM230P	M190-72 or D380-72
SolarWorld California, Inc.	SW 220	M190-72 or D380-72
SolarWorld California, Inc.	SW 225	M190-72 or D380-72
SolarWorld California, Inc.	SW 230	M190-72 or D380-72
SolarWorld California, Inc.	SW 235	M190-72 or D380-72
SolarWorld California, Inc.	SW 240	M190-72 or D380-72
SolarWorld California, Inc.	SW 245	M190-72 or D380-72
SolarWorld California, Inc.	SW155 mono	M190-72 or D380-72
SolarWorld California, Inc.	SW155 mono/P	M190-72 or D380-72
SolarWorld California, Inc.	SW155 mono/T	M190-72 or D380-72
SolarWorld California, Inc.	SW155 poly/T	M190-72 or D380-72
SolarWorld California, Inc.	SW165 mono	M190-72 or D380-72
SolarWorld California, Inc.	SW165 mono/P	M190-72 or D380-72
SolarWorld California, Inc.	SW165 mono/T	M190-72 or D380-72
SolarWorld California, Inc.	SW165 poly/T	M190-72 or D380-72
SolarWorld California, Inc.	SW175 mono	M190-72 or D380-72
SolarWorld California, Inc.	SW175 mono/P	M190-72 or D380-72

SolarWorld California, Inc.	SW175 mono/T	M190-72 or D380-72
SolarWorld California, Inc.	SW175 poly/T	M190-72 or D380-72
SolarWorld California, Inc.	SW185 mono/T	M190-72 or D380-72
SolGate Inc	SG15024	M190-72 or D380-72
SolGate Inc	SG17024	M190-72 or D380-72
SolGate Inc	SG230P	M190-72 or D380-72
SolGate Inc	SG16024	M190-72 or D380-72
Solimpeks	PV-M 155	M190-72 or D380-72
Solimpeks	PV-M 160	M190-72 or D380-72
Solimpeks	PV-M 165	M190-72 or D380-72
Solimpeks	PV-M 170	M190-72 or D380-72
Solimpeks	PV-M 175	M190-72 or D380-72
Solimpeks	PV-M 180	M190-72 or D380-72
SOLON	P220/6+/01 200Wp	M190-72 or D380-72
SOLON	P220/6+/01 205Wp	M190-72 or D380-72
SOLON	P220/6+/01 210Wp	M190-72 or D380-72
SOLON	P220/6+/01 215Wp	M190-72 or D380-72
SOLON	P220/6+/01 220Wp	M190-72 or D380-72
SOLON	P220/6+/01 225Wp	M190-72 or D380-72
SOLON	P220/6+/01 230Wp	M190-72 or D380-72
SOLON	P220/6+/01 235Wp	M190-72 or D380-72
SOLON	P250/6+/01 250Wp	M190-72 or D380-72
SOLON	SOLON Black 215/02	M190-72 or D380-72
SOLON	SOLON Black 220/02	M190-72 or D380-72
SOLON	SOLON Black 225/02	M190-72 or D380-72
SOLON	SOLON Black 230/02	M190-72 or D380-72
SOLON	SOLON Black 280/09-250	M190-72 or D380-72
SOLON	SOLON Blue 215/07	M190-72 or D380-72
SOLON	SOLON Blue 220/07	M190-72 or D380-72
SOLON	SOLON Blue 225/07	M190-72 or D380-72
SOLON	SOLON Blue 230/07	M190-72 or D380-72
SOLON	SOLON Blue 235/07	M190-72 or D380-72
SOLON	SOLON Blue 240/07	M190-72 or D380-72
Sonali Solar	SS 1700	M190-72 or D380-72
Sonali Solar	SS 1750	M190-72 or D380-72
Sonali Solar	SS 1800	M190-72 or D380-72
Sonali Solar	SS 1850	M190-72 or D380-72
Sunbe Solar	SPM(SLP)170	M190-72 or D380-72
Sunbe Solar	SPM(SLP)175	M190-72 or D380-72
Sunbe Solar	SPM(SLP)180	M190-72 or D380-72
Sunbe Solar	SPM(SLP)185	M190-72 or D380-72
Sunbe Solar	SPM(SLP)190	M190-72 or D380-72
Sunbe Solar	SPM(SLP)195	M190-72 or D380-72

Sunbe Solar	SPM/P 210	M190-72 or D380-72
Sunbe Solar	SPM/P 215	M190-72 or D380-72
Sunbe Solar	SPM/P 220	M190-72 or D380-72
Sunbe Solar	SPM/P 225	M190-72 or D380-72
Sunbe Solar	SPM/P 230	M190-72 or D380-72
Sunbe Solar	SPM/P 235	M190-72 or D380-72
Sunbe Solar	SPM/P 240	M190-72 or D380-72
Sunbe Solar	SPM/P 250	M190-72 or D380-72
SUNGEN International	SGM-165D	M190-72 or D380-72
SUNGEN International	SGM-170D	M190-72 or D380-72
SUNGEN International	SGM-175D	M190-72 or D380-72
SUNGEN International	SGM-180D	M190-72 or D380-72
SUNGEN International	SGM-185D	M190-72 or D380-72
SUNGEN International	SGM-200P	M190-72 or D380-72
SUNGEN International	SGM-210P	M190-72 or D380-72
SUNGEN International	SGM-220P	M190-72 or D380-72
SUNGEN International	SGM-230P	M190-72 or D380-72
SUNGEN International	SGM-240P	M190-72 or D380-72
SUNGEN International	SGM-250P	M190-72 or D380-72
Suniva	ART 235-60-2	M190-72 or D380-72
Suniva	ART 240-60-2	M190-72 or D380-72
Suniva	ART230-60-2	M190-72 or D380-72
Suniva	ART245-60-2	M190-72 or D380-72
Sunperfect Solar	CRM145S125S	M190-72 or D380-72
Sunperfect Solar	CRM175S125S	M190-72 or D380-72
Sunperfect Solar	CRM210S156P-60	M190-72 or D380-72
Sunperfect Solar	CRM215S156P-60	M190-72 or D380-73
Sunperfect Solar	CRM220S156P-60	M190-72 or D380-74
Sunperfect Solar	CRM225S156P-60	M190-72 or D380-75
Sunperfect Solar	CRM230S156P-60	M190-72 or D380-76
Sunperfect Solar	CRM235S156P-60	M190-72 or D380-77
Sunperfect Solar	CRM240S156P-60	M190-72 or D380-78
Sunpower Corporation	SPR-200-WHT-U	Although electrically compatible with the M210-84, Enphase Energy does not currently have a business relationship with Sunpower. If installed with a Sunpower module, the Enphase warranty will be supported on all Enphase products.
Sunpower Corporation	SPR-205-BLK-U	
Sunpower Corporation	SPR-210-BLK-U	
Sunpower Corporation	SPR-210-WHT-U	
Sunpower Corporation	SPR-215-BLK-U	
Sunpower Corporation	SPR-215-WHT-U	
Sunpower Corporation	SPR-220-BLK-U	
Sunpower Corporation	SPR-220-WHT-U	
Sunpower Corporation	SPR-225-BLK-U	
Sunpower Corporation	SPR-230-WHT-U	
Suntech Power, Inc.	STP185S-24/Ad+	M190-72 or D380-72

Suntech Power, Inc.	STP190S-24/Ad+	M190-72 or D380-72
Suntech Power, Inc.	STP195S-24/Ad+	M190-72 or D380-72
Suntech Power, Inc.	STP150-24/Ab-1	M190-72 or D380-72
Suntech Power, Inc.	STP150S-24/Ab-1	M190-72 or D380-72
Suntech Power, Inc.	STP160-24/Ab-1	M190-72 or D380-72
Suntech Power, Inc.	STP160S-24/Ab-1	M190-72 or D380-72
Suntech Power, Inc.	STP165S-24/Ab-1	M190-72 or D380-72
Suntech Power, Inc.	STP170-24/Ab-1	M190-72 or D380-72
Suntech Power, Inc.	STP170S-24/Ab-1	M190-72 or D380-72
Suntech Power, Inc.	STP175-24/Ab-1	M190-72 or D380-72
Suntech Power, Inc.	STP175S-24/Ab-1	M190-72 or D380-72
Suntech Power, Inc.	STP180-24/Ab-1	M190-72 or D380-72
Suntech Power, Inc.	STP180S-24/Ab-1	M190-72 or D380-72
Suntech Power, Inc.	STP180S-24/Ad+	M190-72 or D380-72
Suntech Power, Inc.	STP185S-24/Ad+	M190-72 or D380-72
SunWize Technologies, LLC	SW 150	M190-72 or D380-72
SunWize Technologies, LLC	SW 150L	M190-72 or D380-72
SunWize Technologies, LLC	SW 155	M190-72 or D380-72
SunWize Technologies, LLC	SW 155L	M190-72 or D380-72
SunWize Technologies, LLC	SW 160	M190-72 or D380-72
SunWize Technologies, LLC	SW 160L	M190-72 or D380-72
SunWize Technologies, LLC	SW 165L	M190-72 or D380-72
SunWize Technologies, LLC	SW 170L	M190-72 or D380-72
SunWize Technologies, LLC	SW 175L	M190-72 or D380-72
SunWize Technologies, LLC	SW 180L	M190-72 or D380-72
Symphony Energy	SE6M60-M215	M190-72 or D380-72
Symphony Energy	SE6M60-M220	M190-72 or D380-72
Symphony Energy	SE6M60-M225	M190-72 or D380-72
Symphony Energy	SE6M60-M228	M190-72 or D380-72
Symphony Energy	SE6M60-M230	M190-72 or D380-72
Symphony Energy	SE6M60-M235	M190-72 or D380-72
Symphony Energy	SE6S60-S215	M190-72 or D380-72
Symphony Energy	SE6S60-S220	M190-72 or D380-72
Symphony Energy	SE6S60-S225	M190-72 or D380-72
Symphony Energy	SE6S60-S230	M190-72 or D380-72
Symphony Energy	SE6S60-S235	M190-72 or D380-72
Trina Solar	TSM-220DC05	M190-72 or D380-72
Trina Solar	TSM-225DC05	M190-72 or D380-72
Trina Solar	TSM-230DC05	M190-72 or D380-72
Trina Solar	TSM-235DC05	M190-72 or D380-72
Trina Solar	TSM220-PA05	M190-72 or D380-72
Trina Solar	TSM225-PA05	M190-72 or D380-72
Trina Solar	TSM230-PA05	M190-72 or D380-72

Trina Solar Energy Co.	TSM-160D	M190-72 or D380-72
Trina Solar Energy Co.	TSM-165D	M190-72 or D380-72
Trina Solar Energy Co.	TSM-170D	M190-72 or D380-72
Trina Solar Energy Co.	TSM-175D	M190-72 or D380-72
Trina Solar Energy Co.	TSM-180D	M190-72 or D380-72
Trina Solar Energy Co.	TSM-185D	M190-72 or D380-72
Trina Solar Energy Co.	TSM-200DC01	M190-72 or D380-72
Trina Solar Energy Co.	TSM-210DC01	M190-72 or D380-72
Trina Solar Energy Co.	TSM-220DC01	M190-72 or D380-72
Trina Solar Energy Co.	TSM-230DC01	M190-72 or D380-72
Trina Solar Energy Co.	TSM-240DC01	M190-72 or D380-72
United Solar Ovonic	PVL-136	M190-72 or D380-72
United Solar Ovonic	PVL-144	M190-72 or D380-72
Upsolar	UP-M165M	M190-72 or D380-72
Upsolar	UP-M170M	M190-72 or D380-72
Upsolar	UP-M175M	M190-72 or D380-72
Upsolar	UP-M180M	M190-72 or D380-72
Upsolar	UP-M185M	M190-72 or D380-72
Upsolar	UP-M215P	M190-72 or D380-72
Upsolar	UP-M220P	M190-72 or D380-72
Upsolar	UP-M225P	M190-72 or D380-72
Upsolar	UP-M230P	M190-72 or D380-72
Upsolar	UP-M240P	M190-72 or D380-72
Upsolar	UP-M250P	M190-72 or D380-72
Webel Solar	W1700	M190-72 or D380-72
Webel Solar	W1750	M190-72 or D380-72
Webel Solar	W1800	M190-72 or D380-72
Webel Solar	W1850	M190-72 or D380-72
Webel-SL Energy Systems	W1600-155	M190-72 or D380-72
Webel-SL Energy Systems	W1600-160	M190-72 or D380-72
Webel-SL Energy Systems	W1600-165	M190-72 or D380-72
Yingli Solar	YL210P-29b	M190-72 or D380-72
Yingli Solar	YL215P-29b	M190-72 or D380-72
Yingli Solar	YL220P-29b	M190-72 or D380-72
Yingli Solar	YL225P-29b	M190-72 or D380-72
Yingli Solar	YL230P-29b	M190-72 or D380-72
Yingli Solar	YL235P-29b	M190-72 or D380-72
Zhejiang Wanxiang Solar Co. Ltd	WXS160S	M190-72 or D380-72
Zhejiang Wanxiang Solar Co. Ltd	WXS165S	M190-72 or D380-72
Zhejiang Wanxiang Solar Co. Ltd	WXS170S	M190-72 or D380-72
Zhejiang Wanxiang Solar Co. Ltd	WXS175S	M190-72 or D380-72
Zhejiang Wanxiang Solar Co. Ltd	WXS180S	M190-72 or D380-72
Zhejiang Wanxiang Solar Co. Ltd	WXS185S	M190-72 or D380-72



Zhejiang Wanxiang Solar Co. Ltd	WXS220P	M190-72 or D380-72
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DC Connectors: Please note that Enphase Microinverters must be ordered for specific module connector types:

Connector Type	Enphase SKU
MC3 Non-Locking	-S11
MC4 Locking	-S12
Tyco SolarLok	-S13

To avoid incompatibility, be sure to properly match the DC connector type of your PV module with the DC connector type of the Enphase Microinverter that you are ordering from your Distributor.