

SSP50-36-5



Solar Panel Poly 50W

Rating: Not Rated Yet
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Description

Model	Pmax	Vmp	Imp(A)	Voc	Isc(A)	Size (mm)	Solar Cells	Weight	Isc(D)	Voc	Imp(A)	Vmp	Pmax	Model
200W	5.52	6.07							5.18	4.56			165W	
190W	5.24	5.77							4.84	4.29			155W	
SSMXX11	190W	5.11	5.62				125X125mm		4.69	4.15			150W	SSPXXX
-72.5	180W	4.97	5.48	43.2V	1580X808X30	72 Pcs (6X12Pcs)	18kg	43.0V		38.2V			140W	-72.5
Less													Less	
130W	3.65	4.01							3.42	3.11			110W	
SSMXX11	120W	3.41	3.86				125X63mm		3.11	2.82			100W	SSPXXX
-72.5	120W	3.37	3.73	43.2V	1070X808X35	72 Pcs (6X12Pcs)	10.5kg	43.1V	2.68	35.4V			90W	-72.5
Less													Less	
150W	5.51	6.36							5.12	4.45			80W	
SSMXX11	95W	5.23	6.04				125X125mm		4.8	4.16			70W	SSPXXX
-36.5	90W	4.96	5.72	21.6V	1190X541X35	36 Pcs (408Pcs)	7.8kg	43.1V	3.88	35.4V			70W	-36.5
Less													Less	
50W	2.89	3.18							2.56	2.33			40W	
SSMXX11	45W	2.6	2.86				125X62.5		2.24	2.04			30W	SSPXXX
-36.5	40W	2.33	2.55	21.6V	830X540X30	36 Pcs (408Pcs)	3.8 kg	31.6V	1.75	17.2V			20W	-36.5
Less													Less	
30W	1.91	2.1							1.79	1.63			20W	
SSMXX11	28W	1.74	1.91				125X41.7		1.6	1.45			20W	SSPXXX
-36.5	20W	1.62	1.78	21.6V	445X540X30	36 Pcs (408Pcs)	2.7 kg	31.6V	1.41	1.28			17.2V	-36.5
Less													Less	
20W	1.45	1.59							1.36	1.23			20W	
SSMXX11	14W	1.38	1.53				125X31.25		1.3	1.17			20W	SSPXXX
-36.5	20W	1.33	1.47	21.6V	645X285X30	36 Pcs (408Pcs)	2 kg	31.6V	1.11	17.2V			19W	-36.5
Less													Less	
16W	0.93	1.02							0.88	0.8			14W	
SSMXX11	15W	0.87	0.96				125X20.83		0.84	0.76			13W	SSPXXX
-36.5	14W	0.81	0.9	21.6V	450X200X30	36 Pcs (2X18Pcs)	1.5kg	31.6V	0.77	0.7			12W	-36.5
Less													Less	
11W	0.64	0.7							0.58	0.53			9W	
SSMXX11	10W	0.58	0.64				125X13.88		0.52	0.47			8W	SSPXXX
-36.5	10W	0.53	0.58	21.6V	350X200X17	36 Pcs (2X18Pcs)	1kg	31.6V	0.45	0.41			7W	-36.5
Less													Less	
5.5W	0.32	0.7							0.26	0.24			6W	
SSMXX11	5W	0.29	0.64				125X6.95		0.2	0.18			3W	SSPXXX
-36.5	4W	0.24	0.53	21.6V	120X160X17	36 Pcs (1X36Pcs)	0.8kg	31.6V	0.15	0.15			2W	-36.5
Less													Less	
Junction Box : IP 65, TUV Certified														
Integrated bypass diodes in the junction box reduce the power loss effect in a string caused by events such as shading.														
Remark: Usability: Power over 80W with 1000mm Cables, Power over 50W with Bypass Diodes.														
Electrical Characteristics														
Pm Temperature Coefficient: < -0.45%/°C														
Voc Temperature Coefficient: < -0.39%/°C														
NOCT: 48 ± 1 °C														
Isc Temperature Coefficient: 0.06%/°C														
Maximum System Voltage: 1000VDC(IEC), 600VDC(UL)														
Relative humidity: 0 to 100%														
Resistance 275g steel ball fall down from 1m height and 60m/s wind														
Quality and Safety: (According to IEC 61215 & IEC 61730)														
Product warranty: Free from defects in materials and workmanship for 5 years.														
Power warranty: Maintain more than 90% of minimum rated power for 10 years.														
Maintain more than 80% of minimum rated power for 25 years.														