

SSM10-36-5



Solar Panel Mono 10W

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									
SSMXX1	150W	4.11	5.62	4.15	38.2V	125X125mm	72 Pcs	18kg	43.0V	4.15	38.2V	150W	SSPXXX	-72-5
180W	4.97	5.48				(6X12Pcs)								
170W													Less	
130W	3.65	4.01	3.42	3.11	110W									
SSMXX1	120W	3.41	3.86	3.11	2.82	125X63mm	72 Pcs	10.5kg	43.1V	2.88	35.4V	120W	SSPXXX	-72-5
120W	3.37	3.73				(6X12Pcs)								
110W	3.23	3.55											Less	
95W	5.51	6.36	5.12	4.45	80W									
SSMXX1	90W	5.23	6.04	4.8	4.16	125X125mm	36 Pcs	7.8kg	43.1V	3.88	35.4V	90W	SSPXXX	-36-5
80W	4.96	5.72				(400Pcs)								
60W	4.08	5.4											Less	
50W	7.89	3.18	2.56	2.33	40W									
SSMXX1	45W	7.6	2.86	2.24	2.04	125X62.5	mm	3.8 kg	31.6V	1.75	17.2V	45W	SSPXXX	-36-5
40W	7.33	2.55				36 Pcs	(400Pcs)							
30W	2.81	2.23											Less	
25W	1.91	2.1	1.79	1.63	20W									
SSMXX1	20W	1.74	1.91	1.6	1.45	125X41.7	mm	2.7 kg	31.6V	1.28	17.2V	20W	SSPXXX	-36-5
15W	1.62	1.73				36 Pcs	(400Pcs)							
10W	1.45	1.52											Less	
8W	1.45	1.52												
SSMXX1	4W	1.38	1.53	1.38	1.17	125X31.25	mm	1 kg	31.6V	1.11	17.2V	4W	SSPXXX	-36-5
2W	1.33	1.47				36 Pcs	(400Pcs)							
1W	1.37	1.4											Less	
16W	0.83	1.02	0.88	0.8	14W									
SSMXX1	15W	0.87	0.96	0.84	0.76	125X20.83	mm	1.5kg	31.6V	0.7	17.2V	15W	SSPXXX	-36-5
14W	0.81	0.9				36 Pcs	(2X18Pcs)							
12W	0.7	0.77											Less	
11W	0.84	0.7	0.88	0.83	9W									
SSMXX1	10W	0.58	0.64	0.62	0.47	125X13.88	mm	1kg	31.6V	0.41	17.2V	10W	SSPXXX	-36-5
8W	0.53	0.58				36 Pcs	(2X18Pcs)							
6W	0.47	0.52											Less	
5.5W	0.32	0.7	0.26	0.24	6W									
SSMXX1	5W	0.29	0.64	0.2	0.18	125X6.95	mm	0.8kg	31.6V	0.15	17.2V	5W	SSPXXX	-36-5
4W	0.24	0.53				36 Pcs	(1X36Pcs)							
2W	0.18	0.52											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 100mm Cables, Power over 50W with Bypass Diodes.														
Electrical Characteristics														
Pm Temperature Coefficient: < -0.45%/°C														
Voc Temperature Coefficient: < -0.39%/°C														
MOCT: 48 V<+12V<														
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.														