

SSM20-36-5



Solar Panel Mono 20W

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									
SSMXX-190W	5.11	5.62	4.69	4.15	152W	125X125mm	72 Pcs (6X12Pcs)	18kg	43.0V	38.2V			152W	SSPXXX-72-5
180W	4.97	5.48												
170W														Less
130W	3.65	4.01	3.42	3.11	110W									
120W	3.41	3.85	3.11	2.82	100W	125X63mm	72 Pcs (6X12Pcs)	10.5kg / 71kg	43.1V	35.4V			100W	SSPXXX-72-5
SSMXX-120W	3.37	3.73												Less
110W	3.23	3.55												
95W	5.51	6.36	5.12	4.45	80W									
SSMXX-95W	5.23	6.04	4.8	4.16	75W	125X125mm	36 Pcs (408Pcs)	7.8kg	43.1V				75W	SSPXXX-36-5
80W	4.95	5.72	4.27	3.88	70W									
60W	4.05	5.4												Less
50W	2.89	3.18	2.56	2.33	40W									
SSMXX-45W	2.6	2.85	2.24	2.04	30W	125X62.5 mm	36 Pcs (408Pcs)	3.8 kg	31.6V	17.2V			30W	SSPXXX-36-5
35W	2.33	2.55	1.92	1.75	20W									
20W	2.01	2.23												Less
15W	1.91	2.1	1.79	1.63	10W									
SSMXX-15W	1.74	1.91	1.6	1.45	5W	125X41.7 mm	36 Pcs (408Pcs)	2.7 kg	31.6V				5W	SSPXXX-36-5
5W	1.62	1.78	1.41	1.28	20W									
3W	1.45	1.59												Less
20W	1.45	1.59	1.36	1.23	21W									
SSMXX-14W	1.38	1.53	1.38	1.17	20W	125X31.25 mm	36 Pcs (408Pcs)	2 kg	31.6V				20W	SSPXXX-36-5
21W	1.33	1.47	1.22	1.11	17.2V									
12W	1.17	1.4												Less
16W	0.93	1.02	0.88	0.8	14W									
SSMXX-15W	0.87	0.96	0.84	0.76	13W	125X20.83 mm	36 Pcs (2X18Pcs)	1.5kg	31.6V				13W	SSPXXX-36-5
12W	0.7	0.77	0.77	0.7	12W									Less
11W	0.64	0.7	0.58	0.53	9W									
SSMXX-9W	0.58	0.64	0.52	0.47	8W	125X13.88 mm	36 Pcs (2X18Pcs)	1kg	31.6V				8W	SSPXXX-36-5
8W	0.47	0.52	0.45	0.41	17.2V									Less
5.5W	0.32	0.7	0.26	0.24	6W									
SSMXX-5W	0.29	0.64	0.2	0.18	3W	125X6.95 mm / 36 Pcs (1X36Pcs)	0.8kg	31.6V					3W	SSPXXX-36-5
3W	0.24	0.53	0.13	0.12	2W									
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														
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.														
														