



SPECIFICATION

Electrical Specification	MONO -30	MONO -40	MONO -50	MONO -60	MONO -80	MONO -100	MONO -150	MONO -165	MONO -200	MONO -250	MONO -300	MONO -350	MONO -360	MONO -370
Nominal maximum power (Pmax)	30W	40W	50W	60W	80W	100W	150W	165W	200W	250W	300W	350W	360W	370W
Optimum operating Voltage (Vmp)	18.54V	18.18V	20.00V	19.7V	18.0V	17.90V	18.40V	19.25V	24.70V	30.02V	32.90V	39.06V	39.48V	39.90V
Optimum Operating Current (Imp)	1.62A	2.2A	2.50A	3.05A	4.44A	5.59A	8.16A	8.57A	8.10A	8.33A	9.12A	8.96A	9.12A	9.28A
Open Circuit Voltage (Voc)	22.68V	22.50V	24.60V	23.99V	22.10V	21.95V	22.70V	23.60V	31.00V	37.10V	39.85V	46.88V	47.30V	48.35V
Short Circuit Current (Isc)	1.76A	2.37A	2.75A	3.34A	4.88A	5.87A	8.58A	9.00A	8.48A	8.74A	9.62A	9.69A	9.88A	9.93A
Operating Temperature	-40°C~+85°											45°C+2°C -0.32%/°C -0.32%/°C 0.05%/°C -0.39%/°C -40~+85°C 1000V(IEC)/600V(UL) 15A 15A		
Maximum System Voltage	1000V (IEC)/600V (UL)													
Maximum Series Fuse Rating	15A													
RFID	Yes													
Power Tolerance	0~+5W													
Temperature Coefficient														
Pmax	-0.45/°C													
Voc	-0.35/°C													
Isc	-0.060/°C													
NOCT (Nominal Operating Cell Temperature)	45°C													
Mechanical Data														
Cell Type	Monocrystalline													
Cell Arrangement	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)	40 (4x10)	36 (3x12)	36 (4x9)	36 (4x9)	48 (6x8)	60 (6x10)	60 (6x10)	72 (6x12)		
Dimensions	680x350x25	680x547x30	680x547x30	860x540x30	860x670x35	1200x540x35	1487x666x35	1487x666x35	1335x982x40	1640x992x40	1640x992x40	1956x992x40MM		
Weights	3.77 (kg)	4.8 (kg)	5.5 (kg)	5.9 (kg)	5.76 (kg)	7.0 (kg)	11.5 (kg)	11.5 (kg)	15.0 (kg)	19.0 (kg)	19.0 (kg)	22Kg		
Front Cover	Tempered glass											3.2mm Tempered Glass		
Frame material	Anodized aluminum alloy											Anodized Aluminum Alloy		
Standard Packaging (Modules/Carton)	10 pcs	5 pcs	4 pcs			2 pcs			26 pcs/pallet & 2 pcs/carton					

Note:

- The above specifications pertain to the standard SPV Modules.
- Electrical specifications mentioned above are under standard test conditions as follows [a] light spectrum of AM 1.5 [b] an irradiation of 1,000 Watts per square meter and [c] a cell temperature of 25 degrees Centigrade. Normal production tolerance of 0~+5W
- Due to continuous process innovations, the modules supplied may differ from those specified above.

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