



FLAG SUN

FSM280W,285W,290W,295W,300W

Specification | Photovoltaic Module

Mechanical Characteristics

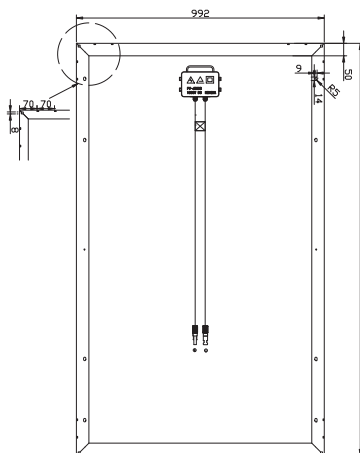
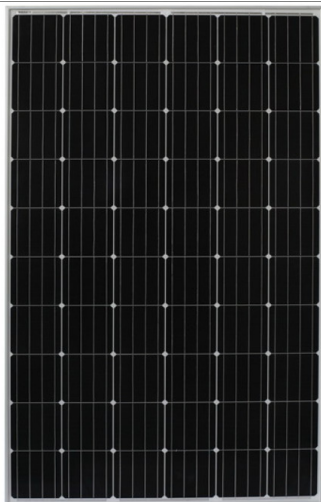
Solar Cell	Monocrystalline silicon 156x156(mm)
No. of Cells	60 (6 x 10)
Dimensions	1640 x 992 x 40 / 35 (mm)
Weight	19.1 kg
Front Glass	3.2mm (0.13 inches) tempered glass
Frame	Anodized aluminum alloy

Output

Cable Type	Ø = 4 mm ²
Lengths	L = 900 mm
Junction Box	PV - JB003 MC4

Temperature Coefficients

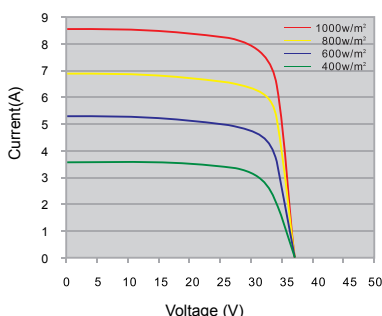
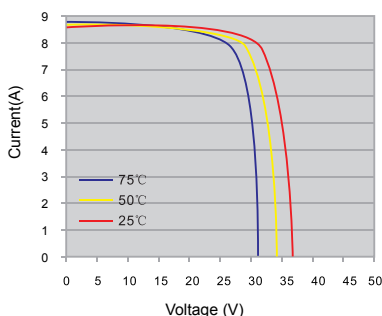
Nominal Operating Cell Temperature (NOCT)	45 ± 2 °C
Temperature Coefficient of (P _{max})	-0.43% / °C
Temperature Coefficient of (V _{oc})	-0.34% / °C
Temperature Coefficient of (I _{sc})	0.036% / °C



Parameters	FSM660-280	FSM660-285	FSM660-290	FSM660-295	FSM660-300
Peak power [Wp] P _{mpp}	280W	285W	290W	295W	300W
Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%
Module Efficiency (%)	17.2%	17.5%	17.8%	18.1%	18.5%
Open circuit voltage [V] V _{oc}	39.0	39.2	39.2	39.4	39.7
Maximum Power Voltage [V] (V _{mpp})	31.6	31.8	31.8	32.0	32.3
Maximum Power Current [A] (I _{mpp})	8.86	8.97	9.12	9.22	9.29
Short circuit Current [A] (I _{sc})	9.40	9.47	9.57	9.60	9.65

STC: Irradiance : 1000 W/m²; Spectrum AM 1.5; Cell temperature: 25°C; Wind 0 m/s

- Provide the best solutions for photovoltaic power generation and technical support
- Provide Cost-effective products
- Provide 12 Years Quality Warranty
- Power out ≥ 90% in 10 years
- Power out ≥80% in 25 years



linear performance warranty
12 year product warranty
25 year power warranty