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Solar Panel Guide Specification Data Sheet

Xiamen Jumao New Energy Co., Ltd.

JMP-125/130/135W-TF

JMP-130W-TF

Also available on the web at

EnergyPal.com/xiamen-jumao-new-energy-co-ltd-solar-panels/jmp-130w-tf



Mechanical Characteristics

Dimension	1402×1001×24mm
Weight	24 Kg
Solar Cell	Thin-film silicon
Front Glass	Low iron non-tempered glass
Cell Encapsulation	EVA
Back Cover	Tempered glass
Frame	Frameless
Junction Box	Ip65 (1bypass diodes) Cable 14AWG-950mm

Electrical Data

Power Rating [Pmpp]	125 W	130 W	135 W
Maximum Current [Impp]	2.75 A	2.82 A	2.88 A
Maximum Voltage [Vmpp]	45.5 V	46.1 V	47.0 V
Short-circuit Current [Isc]	3.37 A	3.41 A	3.41 A
Open-circuit Voltage [Voc]	59.7 V	60.4 V	61.3 V
Module Efficiency	8.92%	9.26%	9.65%
Power Tolerance		+7% , -2%	

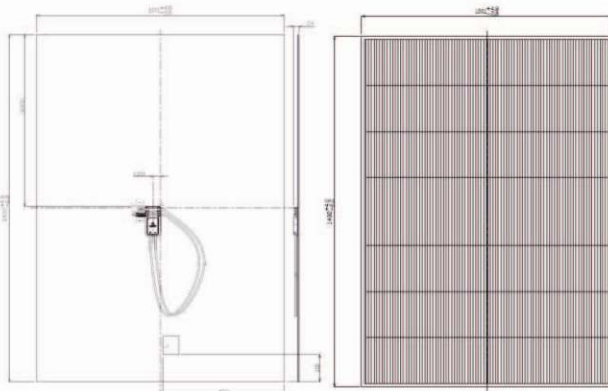
Temperature Coefficients

Voltage [Voc]	-0.3% / °C
Current [Isc]	0.07% / °C
Power [Pmax]	-0.24% / °C
Nominal Operating Cell Temperature	46°C

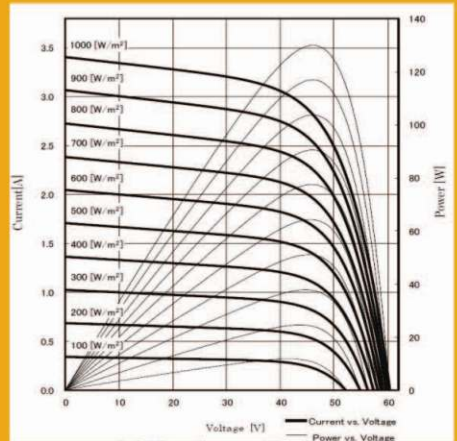
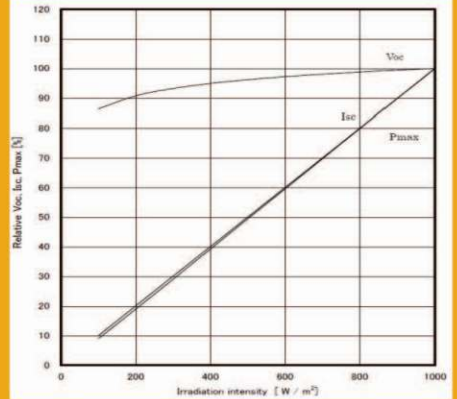
Operating Conditions

Maximum System Voltage	IEC: DC 1000 V / UL: DC 600 V
Series Fuse Rating	6 A
Operating Temperature	-40 to 85 °C
Mechanical Load	5400 Pa
Damp Heat	85%RH, 85°C
Hail Impact	25mm Ice ball at 23m/s

Module Diagram



Unit: mm



- At STC (Standard Test Conditions) Irradiance 1000W/m², 25°C cell temperature, AM 1.5 spectrum
- NOCT Nominal operating cell temperature (The data is only for reference)

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