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Solar Panel Guide Specification Data Sheet

Jiangsu Hosun Solar Power Co., Ltd.

JHX-265-285M96

JHX-280M96

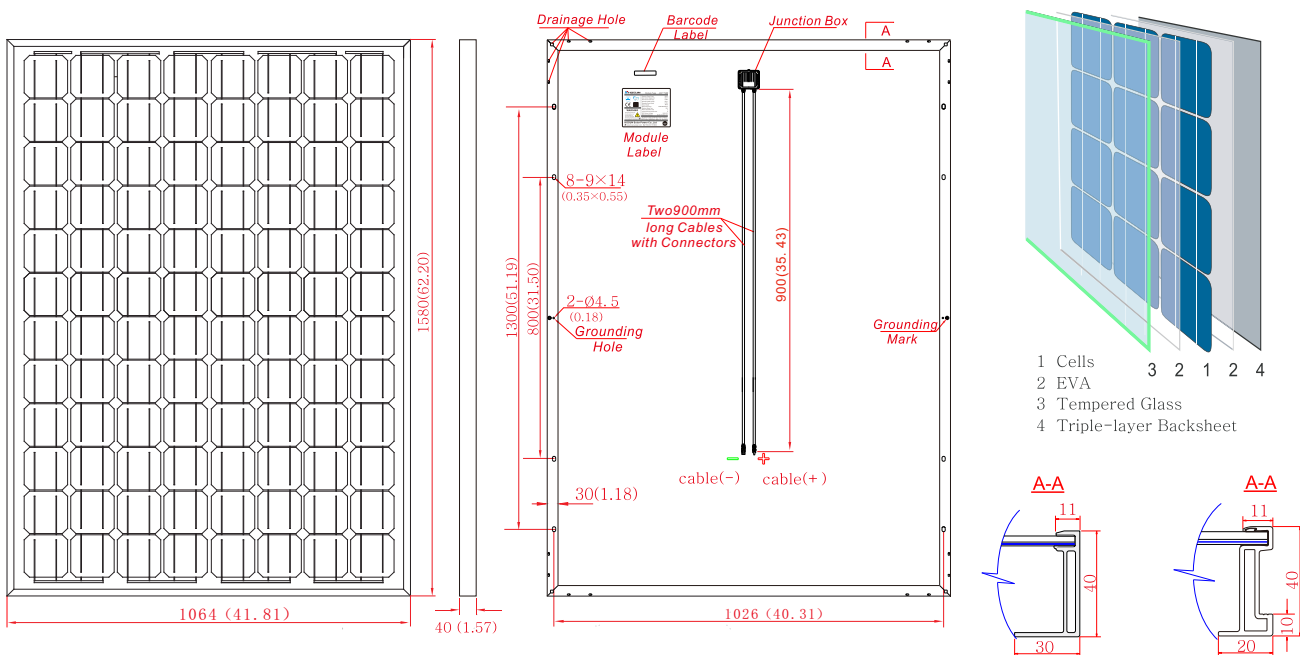
Also available on the web at
EnergyPal.com/jiangsu-hosun-solar-power-co-ltd-solar-panels/jhx-280m96

ELECTRICAL CHARACTERISTICS

Module Type	JHX-285M96	JHX-280M96	JHX-275M96	JHX-270M96	JHX-265M96
Maximum Power at STC (Pmax)	285W	280W	275W	270W	265W
Maximum Power Voltage (Vmp)	51.63V	51.29V	50.85V	50.58V	50.02V
Maximum Power Current (Imp)	5.521A	5.460A	5.409A	5.339A	5.298A
Open Circuit Voltage (Voc)	61.42V	61.15V	60.86V	60.58V	60.48V
Short Circuit Current (Isc)	5.835A	5.785A	5.729A	5.705A	5.621A
Module efficiency	16.9%	16.6%	16.3%	16.0%	15.7%
Maximum System Voltage	DC 1000V(TUV) / DC 600V(UL)				
Operating Temperature	-40°C to +85°C				
Maximum Series Fuse Rating	10A				
Application Class	Class A				

STC: Irradiation 1000W/m², Module Temperature 25°C, AM=1.5 ; Power Measurement Tolerance:±3%

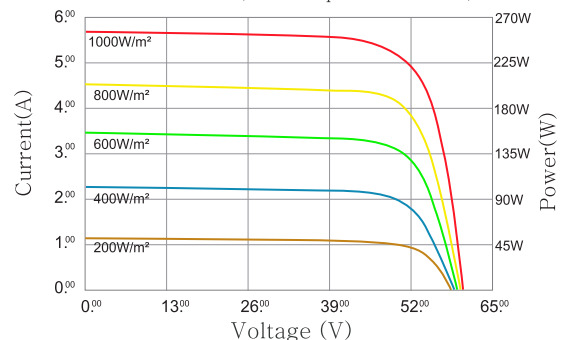
PHYSICAL CHARACTERISTICS



MECHANICAL DATA

Dimension	1580×1064×40mm (62.20×41.81×1.57)
Cell Type	Mono Crystalline Silicon, 125mm × 125mm
Number of Cells	96 cells in series(12×8)
Weight	21.0kg±0.5kg
Front Glass	High Transparency Solar Glass 3.2mm
Frame	Anodized Aluminium Alloy
Junction Box	TÜV: IP65 rated / IP67 rated, 3 Diodes
Cable	Photovoltaic Technology 4.0mm ² , 900mm,
Connector	MC-4 / DJ2011-4(SHIHE) Compatible

Current-Voltage & Power-Voltage Curve
JHX-250M96 (cell temperature:25°C)



TEMPERATURE RATINGS

Nominal Operating Cell Temperature(NOCT):	47°C(±2°C)
Temperature Coefficient of Pmax	-0.48%/°C
Temperature Coefficient of Voc	-0.34%/°C
Temperature Coefficient of Isc	0.05%/°C

NOCT:Irradiation 800W/m², ambient temperature 20°C, wind speed 1m/s

PACKING CONFIGURATION

Container	40HC	
Pieces per pallet	52	
Pallets per container	14	
Pieces per container	728	