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Solar Panel Guide Specification Data Sheet

Jiangsu Hosun Solar Power Co., Ltd.

JHX-145-165S36

JHX-160S36

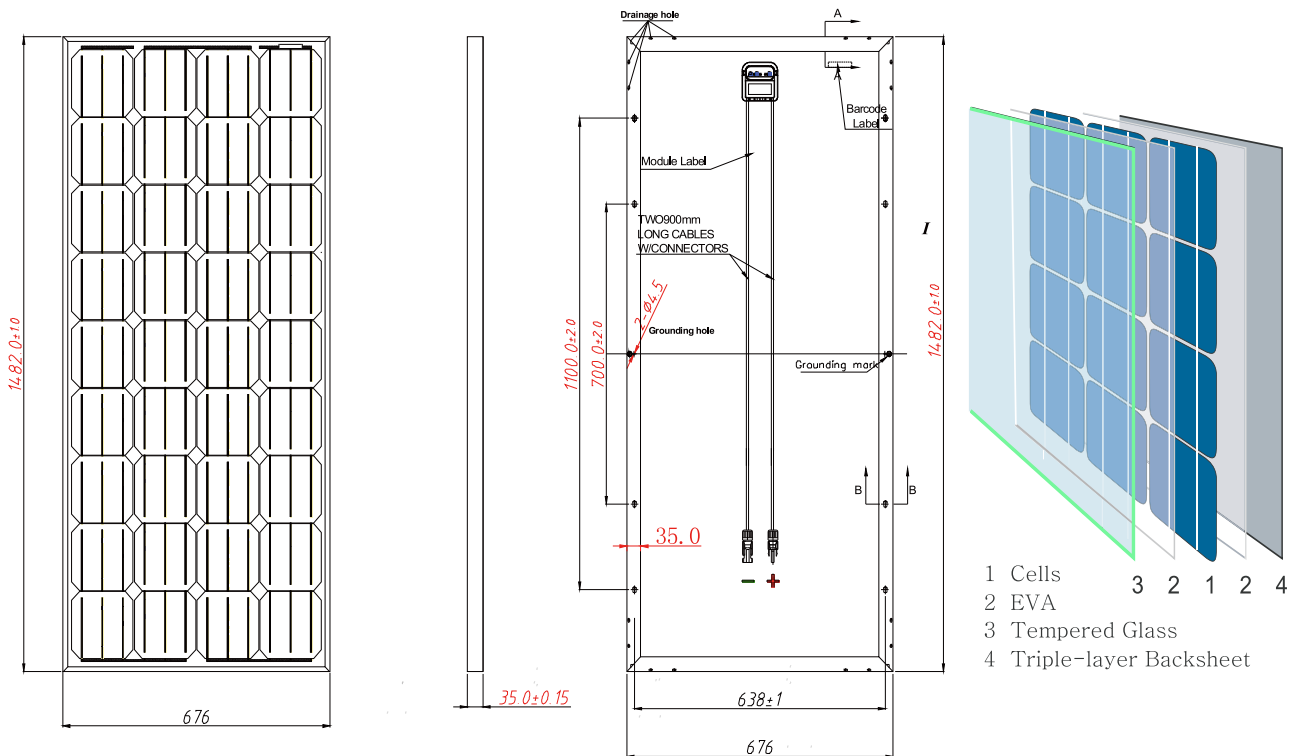
Also available on the web at
EnergyPal.com/jiangsu-hosun-solar-power-co-ltd-solar-panels/jhx-160s36

ELECTRICAL CHARACTERISTICS

Module Type	JHX-165S36	JHX-160S36	JHX-155S36	JHX-150S36	JHX-145S36
Maximum Power at STC (Pmax)	165W	160W	155W	150W	145W
Maximum Power Voltage (Vmp)	18.86	18.61	18.26	18.06	18.42V
Maximum Power Current (Imp)	8.749	8.601	8.490	8.310	7.872A
Open Circuit Voltage (Voc)	23.24	23.08	22.93	22.68	22.39V
Short Circuit Current (Isc)	8.850	8.668	8.560	8.480	8.394A
Module efficiency	16.4%	15.9%	15.4%	14.9%	14.4%
Maximum System Voltage	DC 1000V(TÜV) / 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	1482x676x35 (58.35x26.61x1.38)
Cell Type	Mono Crystalline Silicon, 156mmx156mm
Number of cells	36 cell in series (9x4)
Weight	10.0kg±0.5kg
Front Glass	High Transparency Solar Glass 3.2mm
Frame	Anodized Aluminium Alloy
Junction Box	TUV: IP65 rated / IP67 rated, 2 diodes
Cable	Photovoltaic Technology 4.0mm, 700mm
Connector	MC-4/DJ2011-4 (SHIHE) Compatible

TEMPERATURE RATINGS

Normal 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/m ² , ambient temperature 20 °C, wind speed 1m/s	

PACKING CONFIGURATION

Container	40GP	40HC	20GP
Pieces per pallet	56 (35*35)	84 (35*35)	56 (35*35)
Pallets per container	20	14	7
Pieces per container	784	1176	392

JHX-S36XXX

Peak Power **145-165** wp



Guaranteed 0-5wp plus output tolerance ensures high return on investment



Module efficiency(up to 16.4%)through superior manufacturing technology



Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



Certified by the most reputable labs according to IEC:61215;IEC:61730-1/2 standards



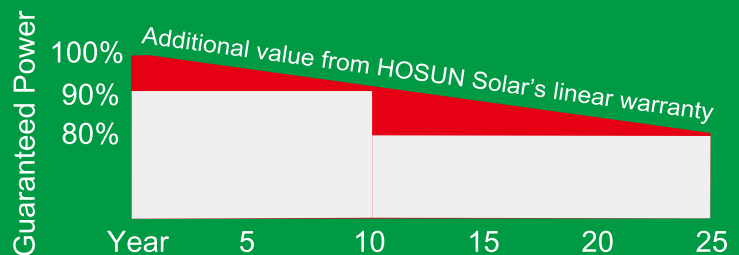
Manufactured and certified according to International Quality and Environment Management System
ISO 9001,ISO 14001:2004
GB/T 28001:2011(OHSAS 18001:2007)



linear performance warranty

10 years product warranty

25 years power warranty



Superior Frame Design
Specially designed drainage holes and rigid construction prevent frames from deforming. Screwless frame design for a long term durability.



The new aluminum alloy (without mounting hole) is quicker in installment and better in protecting module, thus saving the mounting expense. It can help to avoid cracks on solar cells caused during the installment.