



POLY CRYSTALLINE MODULE 250-270 Watt

KEY FEATURES



Our solar cells offer high conversion efficiency to ensure the highest quality

Our high performing modules have an industry low tolerance of +5% (optional)

The modules can withstand high wind-pressure, snow loads and extreme temperatures

Passed IEC 5400 Pa mechanical loading test

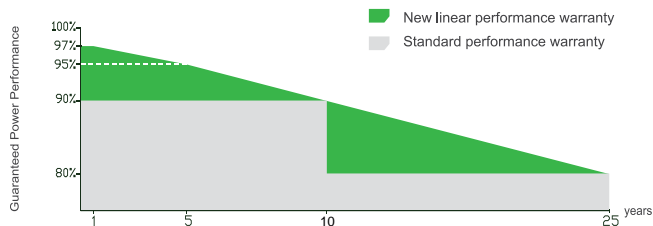
QUALITY & SAFETY

Industry leading power output warranty

(10 years/90%, 25 years/80%)

10-year warranty on materials & workmanship (optional)

Premium Performance Warranty



* Based on customer requirements and contract terms

ISO9001:2008, ISO14001:2004, OHSAS18001 certified factory
IEC61215, IEC61730 certified products



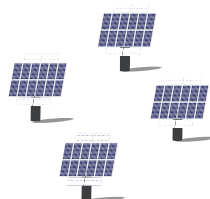
APPLICATIONS



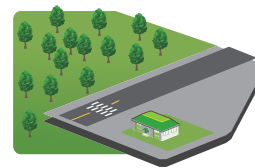
On-grid residential roof-tops



On-grid commercial/
industrial roof-tops

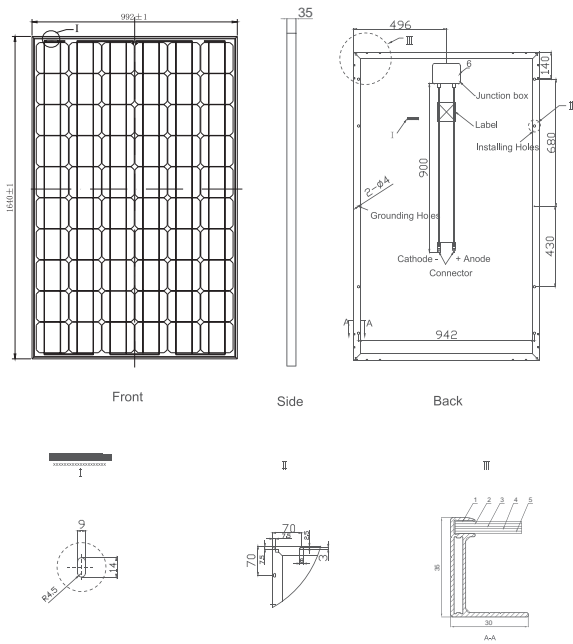


Solar power plants



Off-grid systems

Engineering Drawings



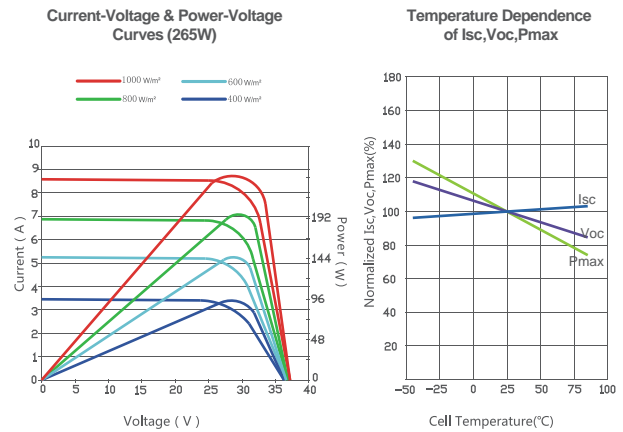
Packaging Configuration

(Two boxes=One pallet)

30pcs/box, 62pcs/pallet, 868pcs/40'HQ Container

30pcs/box, 60pcs/pallet, 390pcs/20'FT Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No.of cells	60 (6×10)
Dimensions	1640×992×35mm (64.97×39.06×1.37 inch)
Weight	18.0kg (38.6 lbs.)
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65 Rated
Output Cables	TÜV 1×4.0mm² / UL 12AWG, Length:900mm

SPECIFICATIONS

Module Type	250W-60P	255W-60P	260W-60P	265W-60P	270W-60P
Maximum Power at STC(Pmax)	250Wp	255Wp	260Wp	265Wp	270Wp
Maximum Power Voltage (Vmp)	30.5V	30.8V	31.1V	31.4V	31.7V
Maximum Power Current (Imp)	8.20A	8.28A	8.37A	8.44A	8.52A
Open-circuit Voltage (Voc)	37.7V	38.0V	38.1V	38.6V	38.8V
Short-circuit Current (Isc)	8.85A	8.92A	8.98A	9.03A	9.09A
Cell Efficiency(%)	18.60%	18.80%	19.00%	19.20%	19.40%
Module Efficiency(%)	15.27%	15.67%	15.98%	16.29%	16.60%
Operating Temperature(°C)	-40°C ~ +85°C				
Maximum system voltage	1000V (IEC) DC				
Maximum series fuse rating	15A				
Temperature coefficients of Pmax	-0.45%/°C				
Temperature coefficients of Voc	-0.27%/°C				
Temperature coefficients of Isc	0.05%/°C				
Nominal operating cell temperature (NOCT)	45±2°C				

STC: Irradiance 1000W/m²



Module Temperature 25°C



AM=1.5

* Power measurement tolerance: + 5%