



## MONO CRYSTALLINE MODULE 300-350 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



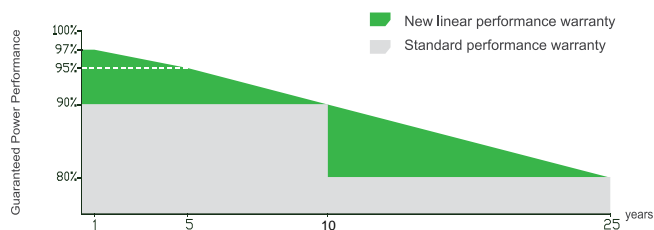
### QUALITY & SAFETY

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



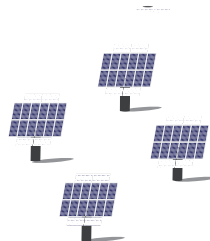
### APPLICATIONS



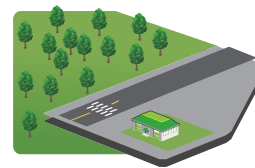
On-grid residential roof-tops



On-grid commercial/  
industrial roof-tops

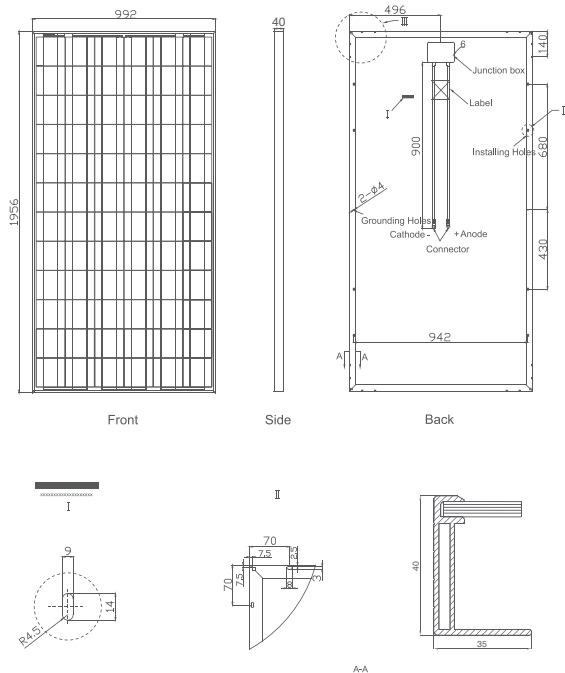


Solar power plants



Off-grid systems

## Engineering Drawings



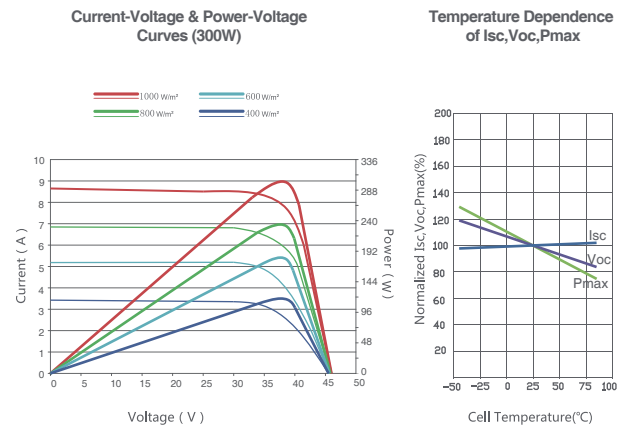
## Packaging Configuration

(Two boxes=One pallet)

26pcs/box, 54pcs/pallet, 648pcs/40'HQ Container

26pcs/box, 52pcs/pallet, 286pcs/20'FT Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Mono-crystalline 156×156mm (6 inch)
No.of cells	72 (6×12)
Dimensions	1956×992×40mm (77.01×39.05×1.57 in)
Weight	22.5 kg (49.58 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	300W-72M	310W-72M	320W-72M	330W-72M	340W-72M	350W-72M
Maximum Power at STC(Pmax)	300Wp	310Wp	320Wp	330Wp	340Wp	350Wp
Maximum Power Voltage (Vmp)	37.0V	37.4V	37.8V	38.0V	38.7V	39.1V
Maximum Power Current (Imp)	8.11A	8.29A	8.47A	8.68A	8.79A	8.94A
Open-circuit Voltage (Voc)	45.5V	45.9V	46.4V	47.1V	47.6V	47.1V
Short-circuit Current (Isc)	8.64A	8.80A	8.98A	9.2A	9.32A	48.1A
Cell Efficiency(%)	18.2%	18.6%	19.00%	19.40%	19.80%	20.2%
Module Efficiency(%)	15.46%	15.98%	16.49%	17.00%	16.49%	17.00%
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%