



All Black 300-340 Watt MONO CRYSTALLINE MODULE

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

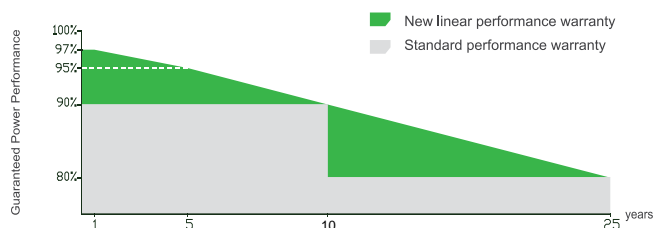
QUALITY & SAFETY

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



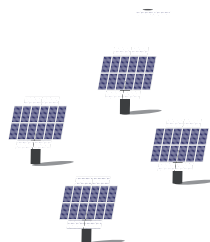
APPLICATIONS



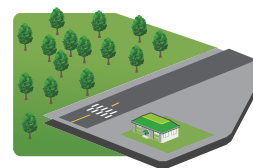
On-grid residential roof-tops



On-grid commercial/
industrial roof-tops

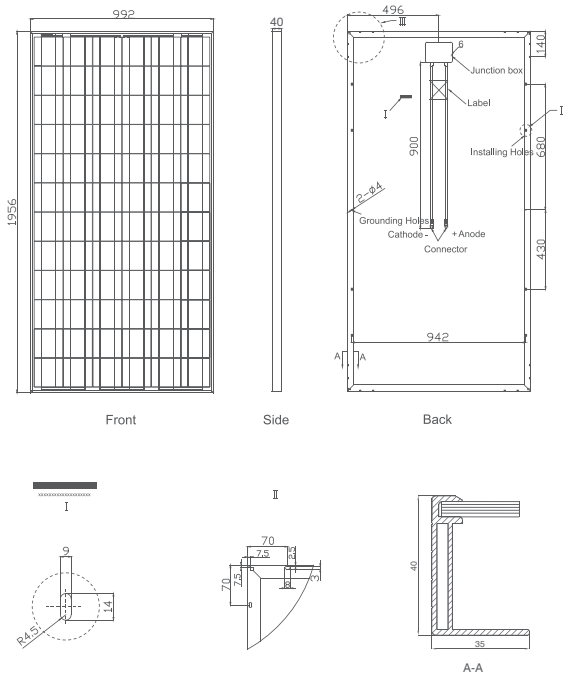


Solar power plants



Off-grid systems

Engineering Drawings



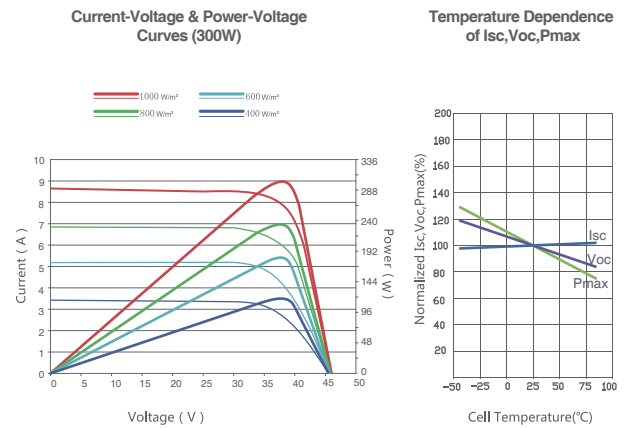
Packaging Configuration

(Two boxes=One pallet)

26pcs/box, 52pcs/pallet, 624pcs/40'HQ Container

26pcs/box, 52pcs/pallet, 260pcs/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
Maximum Power at STC(Pmax)	300Wp	310Wp	320Wp	330Wp	340Wp
Maximum Power Voltage (Vmp)	37.0V	37.4V	37.8V	38.0V	38.7V
Maximum Power Current (Imp)	8.11A	8.29A	8.47A	8.68A	8.79A
Open-circuit Voltage (Voc)	45.5V	45.9V	46.4V	47.1V	47.6V
Short-circuit Current (Isc)	8.64A	8.80A	8.98A	9.2A	9.32A
Cell Efficiency(%)	18.2%	18.6%	19.00%	19.40%	19.80%
Module Efficiency(%)	15.46%	15.98%	16.49%	17.00%	16.49%
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%