



Features

- Excellent space utilization
- Drainging and other designs prevent deforming and fracturing due to freezing or other forces.
- Excellent low irradiance power generation
In morning, evening and rainy days, average conversion efficiency up to 96.5% under STC
- Power categorization watt per pallet thus minimizing workload of classification at worksite
- Output Power Tolerance 0~+5Wp

Warranty

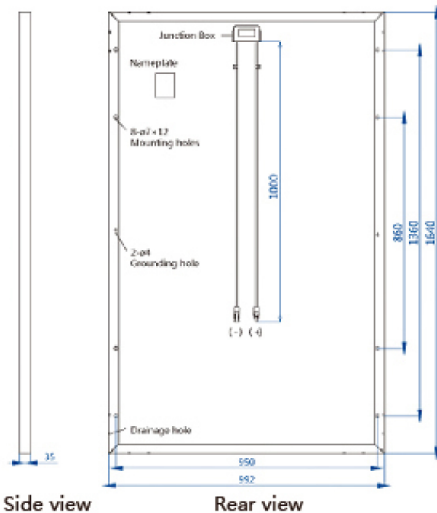
12 years Product Material Workmanship

25 years Linear Performance Warranty

Electrical Characteristics

	270	275	280	285
Maximum Power at STC (Pmax) (W)	270	275	280	285
Optimum Operating Voltage (Vmp)(V)	31.84	32.02	32.27	32.53
Optimum Operating Current (Imp) (A)	8.49	8.6	8.69	8.76
Open Circuit Voltage (Voc±5%) (V)	39.06	39.48	39.8	40.04
Short Circuit Current (Isc±5%) (A)	9.04	9.06	9.13	9.21
Module Efficiency (%)	16.60%	16.90%	17.21%	17.52%
Operating Temperature (°C)	-40~85°C			
Nominal Operating Cell Temperature (NOCT)	45±2°C			
Maximum System Voltage (V)	1500V DC			
Maximum Series Fuse Rating (A)	15A			
Module Fire Safety Class	Class C			
Power Production Tolerance	±3%			

STC: Irradiance of 1000 W/m², AM=1.5, module temperature of 25 °C



Mechanical Characteristics

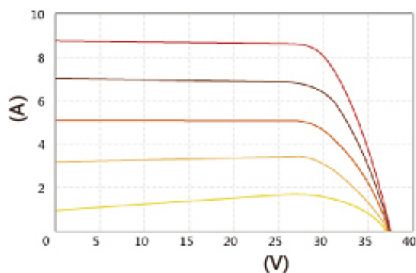
Cell Type	Polycrystalline 156.75×156.75mm
Number of cells	60(6×10)
Dimensions	1640×992×35mm
Weight	18kg
Front Glass	3.2mm, Tempered Glass, Low Iron
Frame Material	Anodized Aluminium Alloy
Junction Box	IP67, 3 Diodes
Connector	PV-ZH202B

Packaging Configuration

Container	40'HQ
Piece per Pallet	30
Pallet per Container	28
Piece per Container	840

* Manufactured in China

I-V Curve (JY270P6-Ab-5)



—STC IV Data —500W/m² IV Data —400W/m² IV Data —300W/m² IV Data —200W/m² IV Data