

Features

- Excellent space utilization
- High-strength Frame
2400 Pa wind load, 5400 Pa snow load
- Draining 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

Warranty

10 years Product Material Workmanship

25 years Linear Performance Warranty

Electrical Characteristics

	295	300	305	310	315
Maximum Power at STC (Pmax) (W)	295	300	305	310	315
Optimum Operating Voltage (Vmp)(V)	32.98	33.37	33.54	33.67	33.87
Optimum Operating Current (Imp) (A)	8.93	8.99	9.10	9.22	9.30
Open Circuit Voltage (Voc) (V)	40.22	40.58	40.76	40.85	40.96
Short Circuit Current (Isc) (A)	9.33	9.42	9.60	9.75	9.84
Module Efficiency (%)	18.13%	18.44%	18.75%	19.05%	19.36%
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				
Output Power Tolerance	0~+5Wp				

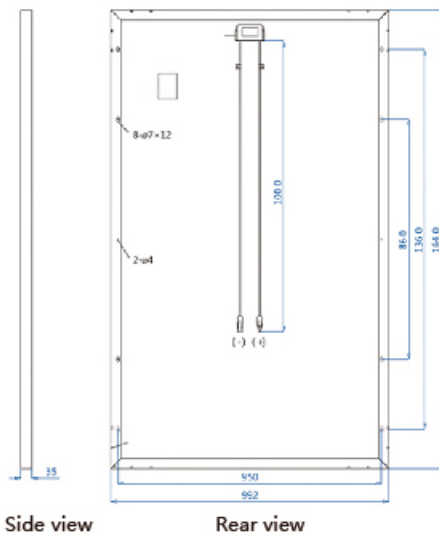
STC: Irradiance of 1000 W/m², AM=1.5, module temperature of 25 °C

Mechanical Characteristics

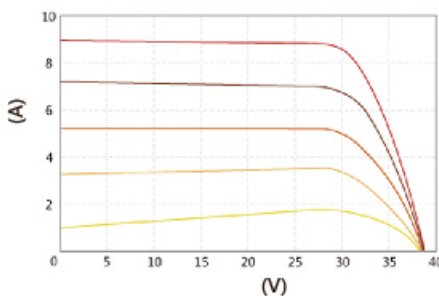
Cell Type	Mono Perc 156.75×156.75mm
Number of cells	60(6×10)
Dimensions	1640×992×35mm
Weight	18kg
Front Glass	3.2mm, Tempered Glass, Low Iron
Frame Material	Anodized Aluminium Alloy
Junction Box	IP67, 3 Diodes
Connector	MC4 Compatible

Packaging Configuration

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



I-V Curve (JY285M6-Ab-5)



STC 1V Data 800W/m² 1V Data 600W/m² 1V Data 400W/m² 1V Data 200W/m² 1V Data