



Features

- Dual Glass Design
Good heat dissipation to improve power generation
- Improved Durability and Reliability
Extreme resistance to corrosions caused by moisture, ammonia, sand, salt mist, acid, alkali, etc.
- Fire Safety Class A
Excellent fire resistance, be suitable for rooftop system
- PID FREE
The possibility of PID effect generation is greatly reduced by unique frameless design
- Fully-symmetrical Structure
No crack risk, and free of snail trails
- POE Encapsulation
Excellent resistance to water vapor permeability, will not cause delamination

Warranty

12 years Product Material Workmanship
30 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) (V)	39.06	39.48	39.8	40.04
Short Circuit Current (Isc) (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 A			
Output Power Tolerance	0~ +5Wp			

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

Mechanical Characteristics

Cell Type	Poly 156.75×156.75mm
Number of cells	60(6×10)
Dimensions	1658×992mm
Weight	22kg
Front/Rear Glass	2.5mm Semi Tempered Glass
Junction Box	IP67, 3 Diodes
Connector	MC4 Compatible

Packaging Configuration

Container	40'HQ
Piece per Pallet	33
Pallet per Container	26
Piece per Container	858