

HIGH EFFICIENCY BIFACIAL PERC 60CELL DOUBLE GLASS SOLAR MODULE



Features

- **Bifacial Technology**
The power generation can increase up to 30%
- **Dual Glass Design**
Good heat dissipation to improve power generation
- **PID FREE**
The possibility of PID effect generation is greatly reduced by unique frameless design
- **POE Encapsulation**
Excellent resistance to water vapor permeability, will not cause delamination
- **Fully-symmetrical Structure**
No crack risk, and free of snail trails
- **Improved Durability and Reliability**
Extreme resistance to corosions caused by moisture, ammonia, sand, salt mist, acid, alkali, etc.
- **Higher Lifetime Power Yield**
30 years linear power warranty, higher return on investment

Warranty

12 years Product Material Workmanship
30 years Linear Performance Warranty

Electrical Characteristics

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 A				
Output Power Tolerance	0~+5Wp				

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

Mechanical Characteristics

Cell Type	Bifacial Perc 156.75×156.75mm
Number of cells	60(6×10)
Dimensions	1658×992×35mm
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

