



Quality and Safety

- Rigorous quality control meeting the highest international standards.
- High-transmissivity low-iron tempered glass, strong aluminum frame Using UV-resistant silicon.
- ISO 9001:2008 ISO 14001:2004 and OHSAS18001.
- IEC61215, IEC61730, Safety Class II, conformity to CE.

Warranties

- 10 years limited product warranty.
- 10 years at 90% of the minimal rated power output.
- 25 years at 80% of the minimal rated power output.

Certificates



Features

- Aesthetic appearance with excellent efficiency based on innovative photovoltaic technologies.
- High quality, strong aluminum frame, passing mechanical load testing 5400 Pa and wind pressure 2400Pa.

Electrical Characteristics

Technical parameter (with tolerance 0~+3%)

Maximum Power(W)	100W
Optimum Power Voltage(Vmp)	18V
Optimum Operating Current(Imp)	5.56A
Open Circuit Voltage(Voc)	21.6V
Short Circuit Current(Isc)	6.11A
Cells Efficiency	18.75%
Modules Efficiency	15.43%

Mechanical Characteristics

Cell Type	Monocrystalline 156x95mm (6 inches)
No of Cell	36(4x9) PCS
Dimensions	1200x540x30mm
Weight	7KGS
Front Glass	3.2mm,High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction box	IP67 Rated
Output Cable	TUV 1x2.5mm ² /UL12AWG, Length:900mm

Temperature and Coefficients

Operating Temperature(°C):	-40°C ~ + 85°C
Maximum System Voltage:	600V(UL)/1000V(IEC) DC
Maximum Rated Current Series:	10A
Temperature Coefficients of Pmax:	-0.435%
Temperature Coefficients of Voc:	-0.35%
Temperature Coefficients of Isc:	0.043%
Nominal Operating Cell Temperature (NOCT):	47±2°C

Loading Quantity

20FT Container	1260PCS
40HQ Container	2950PCS