



## 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)	20W
Optimum Power Voltage(Vmp)	18.2V
Optimum Operating Current(Imp)	1.10A
Open Circuit Voltage(Voc)	22.2V
Short Circuit Current(Isc)	1.29A
Cells Efficiency	13.8%
Modules Efficiency	11.5%

### Mechanical Characteristics

Cell Type	Monocrystalline 156x26mm (6 inches)
No of Cell	36(4x9) PCS
Dimensions	360x450x25mm
Weight	2KGS
Front Glass	3.2mm,High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction box	IP65 Rated
Output Cable	Black and Red, 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	6000PCS
40HQ Container	13900PCS