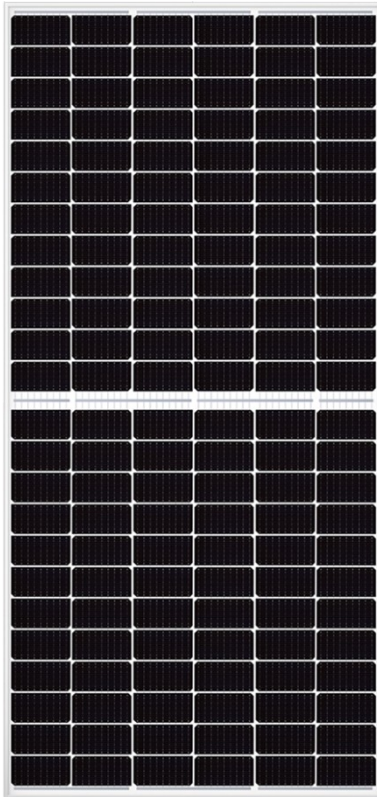


Monocrystalline 450w



Quality and Safety

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

Features

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

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



Electrical Characteristics

Technical parameter (with tolerance 0~+3%)

Maximum Power(W)	450W
Optimum Power Voltage(Vmp)	41.0V
Optimum Operating Current(Imp)	10.98A
Open Circuit Voltage(Voc)	49.8V
Short Circuit Current(Isc)	11.56A

Cells Efficiency	22.68%
Modules Efficiency	20.77%

Mechanical Characteristics

Cell Type	Mono-Crystalline PERC Half-Cell 166x83mm
No of Cell	144(6x24)PCS
Dimensions	2094x1038x35mm
Weight	24.2KGS
Front Glass	3.2mm,High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction box	IP67 Rated
Output Cable	TUV 1x4mm ² /UL12AWG,Length:1100mm

Temperature and Coefficients

Operating Temperature(°C):	-40°C ~ + 85°C
Maximum System Voltage:	1500VDC(IEC)
Maximum Rated Current Series:	15A
Temperature Coefficients of Pmax:	-0.37%
Temperature Coefficients of Voc:	-0.29%
Temperature Coefficients of Isc:	0.057%
Nominal Operating Cell Temperature (NOCT):	44+/-2°C

Loading Quantity

20FT Container	300PCS
40HQ Container	682PCS