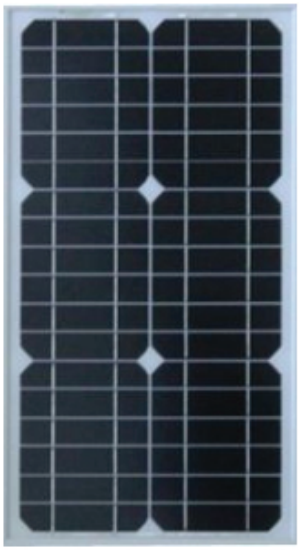
Solar Power Collector - 20 Watt

208385

Features

- High Conversion Efficiency
- Low Power Tolerance of 0~+3%
- Low Degradation Under Light Exposure
- Can Withstand High Wind-Pressure, Snow Load and Extreme Temperature
- Passing IEC 61215 2400Pa Mechanical Load Test



Applications

- On-Grid Residential Roof-Tops
- On-Grid Commercial/Industrial Roof-Tops
- Solar Power Plants
- Off-Grid System
- Other On-Grid Applications

Quality and Safety

- 10-Year Warranty on Product materials and Processing Technology
- Power Output Warranty: 10 Years:90%, 25 Years: 80%
- ISO 9001:2008 (Quality Management System) Certified Factory
- IEC61215, IEC61730, MCS CEC Certified Products
- TUV, CE Conformity

CEC CE IEC ISO

Specifications

Model Type	ODA20-18-M
Peak Power (Pmax)	20.00
Maximum Power Voltage (Vmp)	18.82
Maximum Power Current (Imp)	1.08
Open Circuit Voltage (Voc)	22.58
Short Circuit Current (Isc)	1.19
Cells Efficiency (%)	17.25
Module Efficiency (%)	11.45
Maximum System Voltage (V)	1000
Maximum Series Fuse Rating (A)	15
Power Tolerance	0~+3%
Pmax Temperature Coefficients (W/℃)	-0.450%
Voc Temperature Coefficients (V/℃)	-0.350%
Isc Temperature Coefficients (A/℃)	+0.040%
NOCT Nominal Operating Cell Temperature (℃)	47±2
Operating and Storage Temperature (℃)	-40~+85
Standard Test Conditions (STC)	1.000W/㎡;AM 1.5;25+/-2℃

Mechanical Characteristics

Cell Type	Mono-crystalline 156 x 20.7mm
No. of Cells	36 (2 x 18)
Dimensions	485 x 360 x 20mm
Weight	2.3kgs
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP65 Rated
Output Cables	Without cables and connector