

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

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

Applications

- On-grid residential roof-tops
- On-grid commercial/industrial roof-tops
- Solar power plants
- Off-grid system
- Other on-grid applications

Specifications

Model Type	ODA100-18-M
Peak Power(Pmax)	100.00
Maximum Power Voltage(Vmp)	18.38
Maximum Power Current(Imp)	5.45
Open Circuit Voltage(Voc)	22.06
Short Circuit Current(Isc)	5.80
Cells Efficiency(%)	17.50
Module Efficiency(%)	14.74
Maximum System Voltage(V)	1000
Maximum Series Fuse Rating(A)	10
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.470%
Voc Temperature Coefficients(V/°C)	-0.380%
Isc Temperature Coefficients(A/°C)	+0.040%
NOCT Nominal Operating Cell Temperature(°C)	47±2
Operating and Storage Temperature(°C)	-40~+85
Standard Test Condition(STC)	1.000W/m²; AM 1.5; 25+/-2°C



Mechanical characteristics & Packaging

Cell Type	Mono-crystalline 156x104mm
No. of Cells	36(4x9)
Dimensions	1015x668x30mm
Weight	7.8kgs
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65 Rated
Output cables	2.5mm² Length 90cm, MC4 connector
Quantity/cartons	5pcs

Dimensions

100单晶硅太阳能电池板 (1015*668*30)

100W Mono solar panel (1015*668*30)

