

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



Specifications

Model Type	ODA30-18-M
Peak Power (Pmax)	30.00
Maximum Power Voltage (Vmp)	18.57
Maximum Power Current (Imp)	1.62
Open Circuit Voltage (Voc)	22.64
Short Circuit Current (Isc)	1.73
Cells Efficiency (%)	16.20
Module Efficiency (%)	12.06
Maximum System Voltage (V)	1000
Maximum Series Fuse Rating (A)	15
Power Tolerance	0~+3%
Pmax Temperature Coefficients (W/°C)	-0.450%
Voc Temperature Coefficients (V/°C)	-0.350%
Isc Temperature Coefficients (A/°C)	+0.040%
NOCT Nominal Operating Cell Temperature (°C)	47±2
Operating and Storage Temperature (°C)	-40~+85
Standard Test Conditions (STC)	1.000W/m ² ;AM 1.5;25+/-2°C

Mechanical Characteristics

Cell Type	Mono-crystalline 125 x 41.7mm
No. of Cells	36 (4 x 9)
Dimensions	554 x 449 x 25mm
Weight	2.9kgs
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminum Alloy
Junction Box	IP65 Rated
Output Cables	Without cables and connector