

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

- 5-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	ODA300-36-P	ODA295-36-P	ODA290-36-P	ODA285-36-P	ODA280-36-P	ODA275-36-P
Peak Power(Pmax)	300	295	290	285	280	275
Maximum Power Voltage(Vmp)	37.15	36.86	36.72	36.28	36.14	35.85
Maximum Power Current(Imp)	8.08	8.0	7.9	7.86	7.75	7.67
Open Circuit Voltage(Voc)	45.3	44.95	44.78	44.24	44.07	43.72
Short Circuit Current(Isc)	8.87	8.79	8.68	8.63	8.51	8.43
Module Efficiency (%)	15.5	15.2	14.9	14.7	14.4	14.1
Maximum System Voltage (V)	1000					
Maximum Series Fuse Rating (A)	15					
Power Tolerance	0 ~ +3%					
Pmax Temperature Coefficients (W/°C)	-0.47%					
Voc Temperature Coefficients (V/°C)	-0.389%					
Isc Temperature Coefficients (A/°C)	0.057%					
NOCT Nominal Operating Cell Temperature (°C)	47 ± 2					
Operating and Storage Temperature (°C)	-40 ~ +85					
Standard Test Condition (STC)	1,000W/m ² ; AM 1.5; 25°C					

Mechanical characteristics & Packaging

Cell Type	Poly-crystalline 156x156mm
No. of Cells	72(6x12)
Dimensions	1956x992x50mm
Weight	23kgs
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65 Rated
Output cables	TUV 1X4mm ² , length 90cm
Quantity/pallet	20pcs/pallet, 25pcs/pallet, 2pc/ctn
Loading Quantity	494pcs / 40ft

Dimensions

