

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 | ODA40-18-M |
|---|-----------------------------|
| Peak Power(Pmax) | 40.00 |
| Maximum Power Voltage(Vmp) | 18.55 |
| Maximum Power Current(Imp) | 2.16 |
| Open Circuit Voltage(Voc) | 22.26 |
| Short Circuit Current(Isc) | 2.30 |
| Cells Efficiency(%) | 18.67 |
| Module Efficiency(%) | 13.92 |
| 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 156x39mm |
| No. of Cells | 36(4x9) |
| Dimensions | 430x668x30mm |
| Weight | 3.5kgs |
| Front Glass | 3.2mm high transmission, low iron, tempered glass |
| Frame | Anodized Aluminium Alloy |
| Junction box | IP65 Rated |
| Output cables | Without cables and connector |
| Quantity/cartons | 5pcs |

Dimensions

40W单晶硅太阳能电池板 (430*668*30)

40W Mono solar panel (430*668*30)

