

Mechanical characteristics

| | |
|------------------|---|
| Cell Type | Mono-crystalline 156.75×104.5mm |
| No. of Cells | 36(4×9) |
| Dimensions | 1015×668×30mm |
| Weight | 8.0kgs |
| Front Glass | 3.2mm high transmission, low iron, tempered glass |
| Frame | Anodized Aluminium Alloy |
| Junction box | IP65 Rated |
| Output cables | 2.5mm ² cable 90cm+mc4 |
| Quantity/cartons | 5pcs |

Product Standard

| | |
|---------------------|----------|
| Product Performance | IEC61215 |
| Product Safety | IEC61730 |

Specifications

| Model Type | ODA110-18-M |
|---|--|
| Peak Power(Pmax) | 110.00 |
| Maximum Power Voltage(Vmp) | 18.70 |
| Maximum Power Current(Imp) | 5.89 |
| Open Circuit Voltage(Voc) | 22.91 |
| Short Circuit Current(Isc) | 6.45 |
| Cells Efficiency(%) | 18.75 |
| Module Efficiency(%) | 16.22 |
| Maximum System Voltage(V) | 1000 |
| Maximum Series Fuse Rating(A) | 10 |
| Power Tolerance | 0~+3% |
| Pmax Temperature Coefficients(W/°C) | -0.400% |
| Voc Temperature Coefficients(V/°C) | -0.290% |
| Isc Temperature Coefficients(A/°C) | +0.048% |
| 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+/-2°C |

Key Features



5 Busbar Cell:
5 Busbar Solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance making it perfect for rooftop installation and application



High Efficiency
High Module conversion efficiency, through innovative manufacturing technology



Low-Light Performance
Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments



Serve Weather Resilience
Certified to withstand : wind load(2400Pa) and snow load (5400Pa)

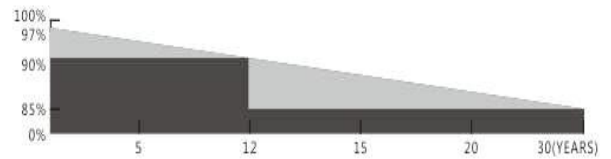


Durability against extreme environmental conditions
High salt mist and ammonia resistance certified by TUV



0 to +5W Positive Tolerance
Detailed information in Electrical Specifications

Linear Performance Warranty



Guarantee on product material and workmanship



Linear Power output warranty

Certification



Drawing Picture

