Assembled with multi-busbar PERC cells, the half-cell configuration of the modules offers the advantages of higher power output, better temperature-dependent performance, reduced shading effect on the energy generation, lower risk of hot spot, as well as enhanced tolerance for mechanical loading.

**Introduction**

- Higher output power
- Lower LCOE
- Less shading and lower resistive loss
- Better mechanical loading tolerance

**Superior Warranty**

- 12-year product warranty
- 25-year linear power output warranty

**Comprehensive Certificates**

- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- OHSAS 18001: 2007 Occupational health and safety management systems
### OPERATING CONDITIONS

- **Maximum System Voltage:** 1000V DC (IEC)
- **Operating Temperature:** -40°C ~ +85°C
- **Maximum Series Fuse:** 20A
- **Maximum Static Load, Front:** 2400Pa
- **Maximum Static Load, Back:** 2400Pa
- **NOCT:** 45°C
- **Application Class:** Class A

### ELECTRICAL PARAMETERS AT NOCT

- **NOCT Application Class:** Class A
- **Irradiance:** 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G

### ELECTRICAL PARAMETERS AT STC

- **Irradiance:** 1000W/m², cell temperature 25°C, AM1.5G

### MECHANICAL DIAGRAMS

- **Cell Weight:** 22.7kg ± 3%
- **Dimensions:** 2015±2mm × 996±2mm × 40±1mm
- **No. of Cells:** 144 (6 × 24)
- **Cable Cross Section Size:** 4mm²
- **Cable Length (Including Connector):** Portrait: 3000mm (+)/4000mm (-); Landscape: 12000mm (+)/12000mm (-)
- **Connector:** Genuine MC4
- **Grounding Holes:** 10 Places
- **Mounting Holes:** 4 Places
- **Grounding Holes:** 10 Places
- **Grounding Holes:** 10 Places
- **Draining holes:** 8 Places

### CHARACTERISTICS

- **Label:** Enlarge view of mounting hole (10:1)
- **Grounding Holes:** 10 Places
- **Mounting Holes:** 8 Places
- **Cable Length:** (Including Connector)
  - Portrait: 300mm (+)/4000mm (-)
  - Landscape: 1200mm (+)/12000mm (-)

- **Measurement tolerance at STC:** Pmax ± 3 %, Voc ± 2% and Isc ± 4%.