Introduction

Powered by high-efficiency PERCIUM cells, this series of high-performance modules provides the most cost-effective solution for lowering the LCOE of any PV systems large or small.

5 busbar solar cell design
Higher output power
Excellent low-light performance
Lower temperature coefficient

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 to 85°C
- Maximum Series Fuse: 20A
- Maximum Static Load, Front*: 3600Pa, 1.5
- Maximum Static Load, Back*: 1600Pa, 1.5
- NoCT: 45±2℃
- Application Class: Class A

**CHARACTERISTICS**

**ELECTRICAL PARAMETERS AT NOCT**

- Irradiance 800W/m², ambient temperature 20℃, wind speed 1m/s, AM1.5G

**ELECTRICAL PARAMETERS AT STC**

- Irradiance 1000W/m², cell temperature 25℃, AM1.5G

**SPECIFICATIONS**

- **Cell**: Mono
- **Weight**: 22.3kg±3%
- **Dimensions**: 1979±2mm × 996±2mm × 40±1mm
- **Cable Cross Section Size**: 4mm²
- **No. of cells**: 72 (6x12)
- **Connector**: Genuine MC4 QC4.10
- **Country of Manufacturer**: China/Vietnam

**MECHANICAL DIAGRAMS**

**CELL**

- Weight: 22.3kg±3%
- Dimensions: 1979±2mm × 996±2mm × 40±1mm
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**CURRENT-VOLTAGE CURVE**

**POWER-VOLTAGE CURVE**

**COUNTRY OF MANUFACTURER**

- China/Vietnam

**REMIND**

- Measurement tolerance at STC: Pmax ±3%, Voc ±2% and Isc ±4%
- *For NexTracker installations static loading performance: front load measures 2400Pa, while back load measures 2400Pa.
- Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

**EMERGENCY MECHANICAL DIAGRAMS**

- **Label**
- **Mounting Holes**: 4 places for NexTracker
- **Connector**
- **QC4.10**

**REMARK**

- Customized frame color and cable length available upon request.

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**REMARK**

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