

## Warranty

- 5 years Manufacturer warranty
- Warranty on Electrical Performance : 10 years 90% + 25 years 80% of power output

## Manufacturing

- Original cell sorting system ensures the best electric cell match
- EL-Testing before packing
- Comprehensive module power testing, 100% positive output tolerance guaranteed

## Performance

- High module conversion efficiency
- High-quality cells lower series resistance and reduce power degradation
- Optimized performance under low light conditions. The integrated bypass-diodes allow the panel to work when partially shaded
- IP67 rated junction box, reliable cables and standard MC4 connectors improve the stability

## Mechanical Data

Standard Test Conditions AM=1.5, E=1000W/m2, TC=25°C

|                              |   |
|------------------------------|---|
| Nominal Power                | 140W  |
| Cell Type/Efficiency         | Monocrystalline / 25,93%                          |
| Cell Arrangement             | 36 (4*9)  |
| Maximum Power Current (Impp) | 6.70A   |
| Maximum Power Voltage (Vmpp) | 20.88V  |
| Open-circuit Voltage (Voc)   | 24.48V  |
| Short-circuit Current (Isc)  | 7.21A   |
| Maximum System Voltage       | 1000V   |
| Output Tolerance             | +3%   |
| Cable                        | 450mm / 2.5mm <sup>2</sup>                        |
| Connector Type               | MC4 / MC4 Compatible                              |
| Module Structure             | Aluminium frame / Glass / EVA / Backsheet (White) |
| Junction box rating          | ≥IP67   |
| Number of Diodes             | One   |
| Working Temperature          | -40°C~+80°C                                       |

## Packaging

|                         |                 |
|-------------------------|-----------------|
| Module Dimensions       | 1200*530*30mm   |
| Module Weight           | 6,75kg          |
| Package                 | Single Package  |
| Pieces per Pallet       | 26              |
| Gross Weight per Pallet | 195kg           |
| Pallet Dimensions       | 1270*1100*700mm |



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