

SZ-180-36M

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 improves the stability

Mechanical Data

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

Nominal Power	180W
Cell Type/Efficiency	Monocrystalline / 21.20%
Cell Arrangement	36 (4*9)
Maximum Power Current (I _{mpp})	9.89A
Maximum Power Voltage (V _{mpp})	18.20V
Open-circuit Voltage (V _{oc})	21.50V
Short-circuit Current (I _{sc})	10.41A
Maximum System Voltage	1000V
Output Tolerance	+3%
Cable	750mm / 2.5mm ²
Connector Type	MC4 / MC4 Compatible
Module Structure	Aluminum Frame / Glass / EVA / Backsheet (White)
Junction box rating	≥ IP67
Number of Diodes	Two
Working Temperature	-40°C ~ +80°C

Packaging

Module Dimensions	1480*670*35mm
Module Weight	11.83kg
Package	Single Package
Pieces per Pallet	26
Gross Weight per Pallet	330kg
Pallet Dimensions	1540*1100*1000mm



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