

SZ-50-36M

Warranty

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

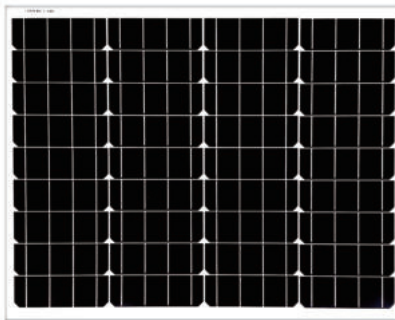


Manufacturing

- ◆ 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 and partial-cell design 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	50W
Cell Type/Efficiency	Monocrystalline / 17.66%
Cell Arrangement	36 (4*9)
Maximum Power Current (Impp)	2.75A
Maximum Power Voltage (Vmpp)	18.20V
Open-circuit Voltage (Voc)	21.50V
Short-circuit Current (Isc)	3.23A
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	One
Working Temperature	-40°C~+80°C

Packaging

Module Dimensions	670*540*30mm
Module Weight	4.62kg
Package	Single Package
Pieces per Pallet	82
Gross Weight per Pallet	398kg
Pallet Dimensions	1540*1100*820mm