

Warranty

- ◆ 5 years Manufacturer Warranty
- ◆ Warranty on Electrical Performance :
5 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
- ◆ Internal aluminum sheet improves the durability by decreasing the risk of micro-cracks on cells
- ◆ IP67 rated junction box, reliable cables and standard MC4 connectors improve the stability



SZ-80-36MFE

Mechanical Data

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

Nominal Power	80W
Cell Type/Efficiency	Monocrystalline / 18.84%
Cell Arrangement	36 (3*12)
Maximum Power Current (I _{mpp})	4.40A
Maximum Power Voltage (V _{mpp})	18.20V
Open-circuit Voltage (V _{oc})	21.50V
Short-circuit Current (I _{sc})	4.91A
Maximum System Voltage	100V
Output Tolerance	+3%
Cable	650mm / 2.5mm ²
Connector Type	MC4 / MC4 Compatible
Module Structure	ETFE / Aluminum Sheet/ EVA / Backsheet (White)
Junction box rating	≥ IP67
Number of Diodes	One
Working Temperature	-40°C ~ +80°C

Packaging

Module Dimensions	1020*515*3mm
Module Weight	4.0kg
Package	Single Package
Pieces per Pallet	30
Gross Weight per Pallet	140kg
Pallet Dimensions	1270*1100*670mm