

## 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 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-180-36MFE

## Mechanical Data

Standard Test Conditions AM=1.5, E=1000W/m<sup>2</sup>, TC=25°C

Nominal Power	180W
Cell Type/Efficiency	Monocrystalline / 21.20%
Cell Arrangement	36 (4*9)
Maximum Power Current (Impp)	9.89A
Maximum Power Voltage (Vmpp)	18.20V
Open-circuit Voltage (Voc)	21.50V
Short-circuit Current (Isc)	10.41A
Maximum System Voltage	100V
Output Tolerance	+3%
Cable	650mm / 2.5mm <sup>2</sup>
Connector Type	MC4 / MC4 Compatible
Module Structure	ETFE / Aluminum Sheet/ EVA / Backsheet (White)
Junction box rating	≥ IP67
Number of Diodes	Two
Working Temperature	-40°C ~ +80°C

## Packaging

Module Dimensions	1510*670*3mm
Module Weight	7.15kg
Package	Single Package
Pieces per Pallet	25
Gross Weight per Pallet	198kg
Pallet Dimensions	1540*1100*820mm