

# 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.

## Performance

- ◆ Higherer module efficiency and compact size. Weakened hot-spot effect, lower module failure rate and increased stability by shingle-tech.
- ◆ Special connection method lowers the internal resistance and ensures better performance than traditional connection with busbar.
- ◆ IP67 rated junction box, reliable cables and standard MC4 connectors improve the stability



## Mechanical Data

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

Nominal Power	50W
Cell Type	Monocrystalline
Cell Efficiency	22%
Maximum Power Current (Impp)	2.76A
Maximum Power Voltage (Vmpp)	18.15V
Open-circuit Voltage (Voc)	21.57V
Short-circuit Current (Isc)	2.92A
Maximum System Voltage	500V
Output Tolerance	±3%
Cable	500mm / 2.5mm <sup>2</sup>
Connector Type	None
Module Structure	Aluminum Frame / Glass / EVA / Backsheet
Junction box rating	IP67
Diode	
Working Temperature	-40~+80°C

## Packaging

Module Dimensions	451*565*30mm
Module Weight	2.75kg
Package	Single Package
Pieces per Pallet	Free
Gross Weight per Pallet	Free
Pallet Dimensions	Free

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