

Warranty

- ◆ 2 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.

Performance

- ◆ Upgraded module efficiency and portability.
- ◆ Weakened hot-spot effect, lower module failure rate and increased stability by shingle-tech.
- ◆ Optimized performance under low light conditions.
- ◆ Unique cell connection method lowers the internal resistance and ensures better performance than traditional connection with busbar.
- ◆ USB&DC outputs.



SZ-100-36MFE(USB)

Mechanical Data

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

Nominal Power	100W
Cell Type	Monocrystalline
Module Efficiency	15.74%
Maximum Power Current (Impp)	5.05A
Maximum Power Voltage (Vmpp)	19.80V
Open-circuit Voltage (Voc)	23.40V
Short-circuit Current (Isc)	5.57A
Surface Material	ETFE
Output Tolerance	±3%
DC Connector Type	5.5*2.1mm
DC Output Current	5A (Max)
Output USB-A	5V/3A
Output USB-QC	5V3A/9V2A/12V1.5A
Certification	CE, RoHS
Working Temperature	-40°C~+80°C

Packaging

Folded Dimensions	520*430*50(mm)
Expanded Dimensions	1600*520*3(mm)
Module Weight	4.2kg
Pieces per Pallet	Free
Gross Weight per Pallet	Free
Pallet Dimensions	Free

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