SOLARFAM

SZ-150-36

Warranty

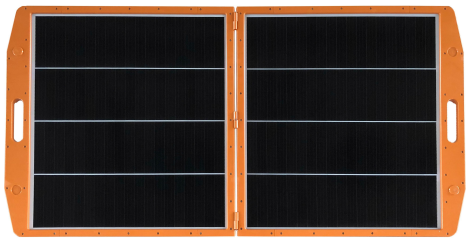
- 2 years Manufacturer Warranty
- Warranty on Electrical Performance： 5 years 80% of power output

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.
- Solar charging controllers intergrated.



Mechanical Data Standard Test Conditions AM=1.5, E=1000W/m2, TC=25℃	
Nominal Power	120W
Cell Type	Monocrystalline
Cell Efficiency	21.4%
Maximum Power Current (Impp)	7.58A
Maximum Power Voltage (Vmpp)	19.80V
Open-circuit Voltage (Voc)	23.40V
Short-circuit Current (Isc)	8.09A
Surface Material	Glass
Output Tolerance	+3%
Charging Current (controller)	20A Max
Float Charging Voltage (battery)	13.7V
Discharging Cut-off Voltage (battery)	5-20V/3A; 20V5A(Max.)
Charging Recovery Voltage (battery)	5V2A
Discharging Recovery Voltage (battery)	5-20V/3A
Working Temperature	-40℃~+80℃
Packaging	
Module Dimensions （Unfolding）	1342*705*29mm
Module Dimensions （Folding）	670*705*58mm
Module Weight	10.2kg
Package	Single Package
Pieces per Pallet	30
Gross Weight per Pallet	350kg
Pallet Dimensions	1200*1100*880mm