

# SZ-80-36MF

## 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.



FRONT



BACK



UNFOLDED



JUNCTION BOX

## Mechanical Data

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

Nominal Power	80W
Cell Type	Monocrystalline
Module Efficiency	16.21%
Maximum Power Current (I <sub>mp</sub> )	4.28A
Maximum Power Voltage (V <sub>mp</sub> )	18.70V
Open-circuit Voltage (V <sub>oc</sub> )	22.10V
Short-circuit Current (I <sub>sc</sub> )	4.79A
Surface Material	PET
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	560*565*30(mm)
Expanded Dimensions	1120*565*3(mm)
Module Weight	2.9kg
Pieces per Pallet	Free
Gross Weight per Pallet	Free
Pallet Dimensions	Free

**SOLMAX NEW ENERGY B.V.**

Address: Zonnebaan 23, 3542 EB Utrecht, the Netherlands  
 Tel: +31-307855708  
 Email: info@solarfam.nl

