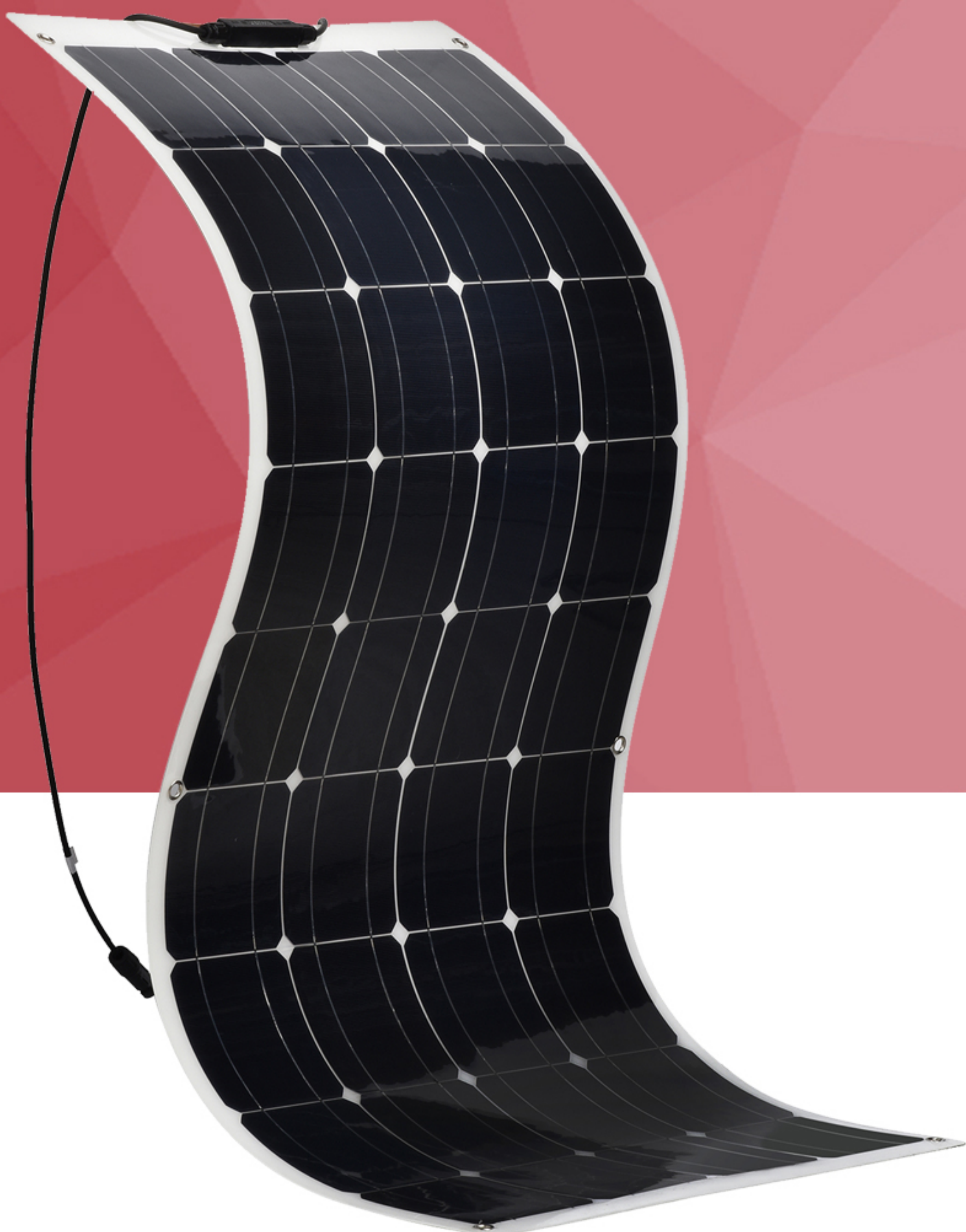




SPMF100

Solar Module Monocrystalline Flexible 100W

The modules are composed of high-efficiency solar cells, and a series of quality performance tests are carried out in accordance with strict quality standards during the production process to ensure that the modules can work normally in various harsh environments and to ensure the maximum output power of the modules when generating electricity.

ELECTRICAL SPECIFICATIONS

Maximum nominal power(Pmax)	100W
Maximum operating voltage(Vmp)	18.05V
Maximum operating current(Imp)	5.54A
Open circuit voltage(Voc)	22.44V
Short circuit current(Isc)	5.69A
Module efficiency	14.70%
Cell efficiency	17.50%
Output power tolerance	0 - 3%
Maximum system voltage	DC1000V
Operating temperature	-40 - +85°C
Maximum series fuse rating	10A

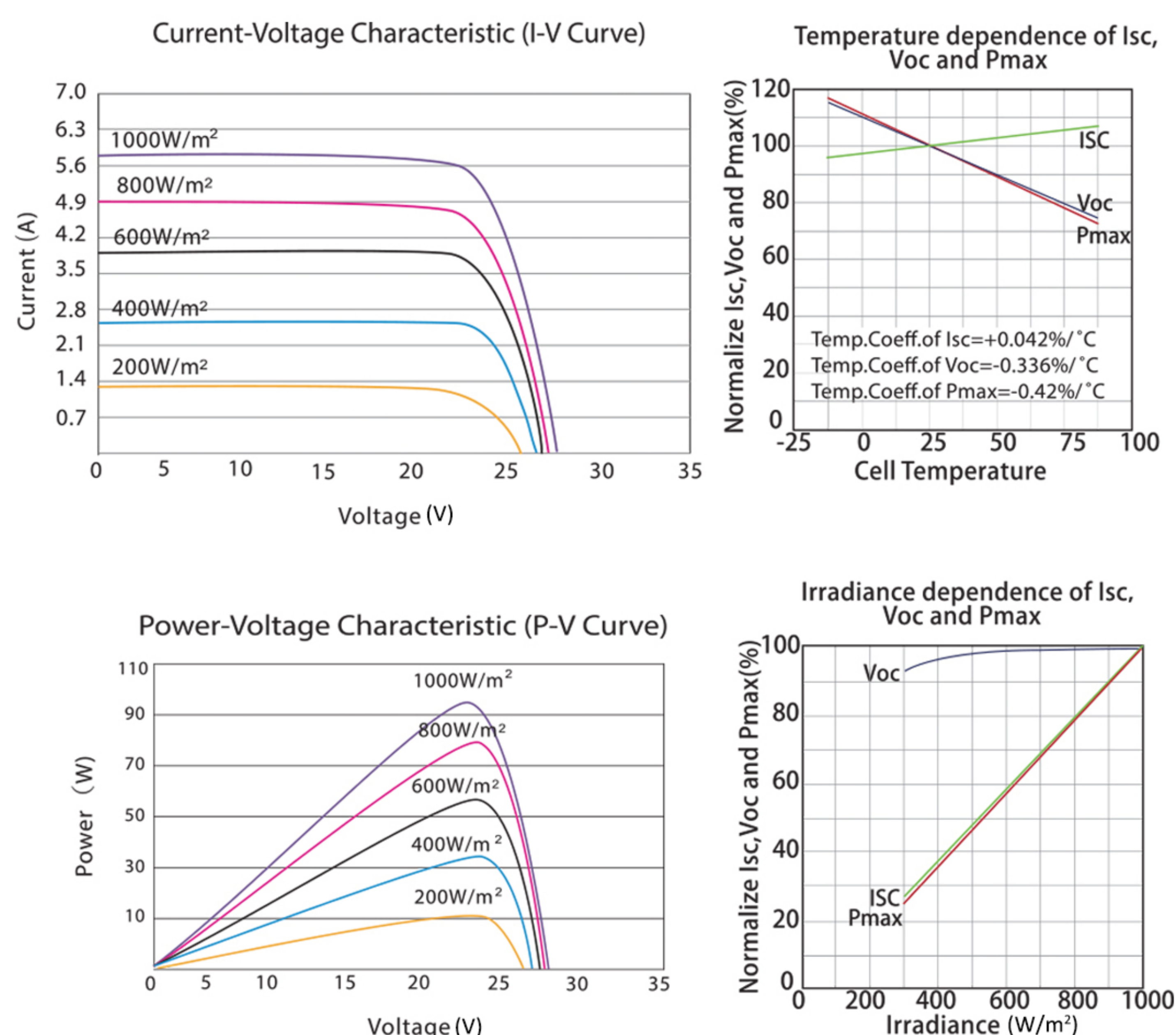
MECHANICAL DATA

Cell type	Mono 125*125mm
Cell arrangement	36 cells in series
Dimension	1200*540*4mm
Weight	1.85kg
Junction box	IP67, 3 diodes
Cable	2.5mm²(IEC)/12AWG(UL), 900mm(650mm is optional)
Connector	MC4 or MC4 compatible

TEMPERATURE CHARACTERISTICS

Temperature coefficient(Pmax)	-0.420%/°C
Temperature coefficient(Voc)	-0.336%/°C
Temperature coefficient(Isc)	0.042%/°C
Nominal operating cell temperature	45.3±2°C

ELECTRICAL CHARACTERISTICS



DRAWING

