

ER-100FM

Model	ER-100FM
EAN Code	8719033870093
Product Type	Anti-slip semi-flexible solar panel
Maximum Power (Wp)	100W
Solar Cells	SunPower cell Maxeon Gen III A grade
Cell Size (mm)	125*125
Cell Array (pcs)	4*7
Cell Efficiency	23.7%
Maximum Power Voltage-Vmp(V)	17.36
Maximum Power Current -Imp(A)	5.76
Open Circuit Voltage-Voc(V)	20.43
Short Circuit Current-Isc(A)	6.1
Power Tolerance (%)	± 5%
Size(mm)	540*940*3
Net Weight(kg)	1.8
Surface/Back sheet	ETFE/white TPT
Cable and Connectors	HX021 Jbox IP65,2bypass diode,0.9m 4.0mm ² cable and 1 pair of MC4 connector
Nominal Operating Cell Temperature(NOCT °C)	45±2
Operational Temperature(°C)	-40~+85
Temperature Coefficient of Pmax(%/°C)	-0.41
Temperature Coefficient of Voc(%/°C)	-0.32
Temperature Coefficient of Isc(%/°C)	0.04
Maximum System Voltage(V)	200V
Maximum Reverse Current (A)	10A
Max Bend Angle	30 degree

