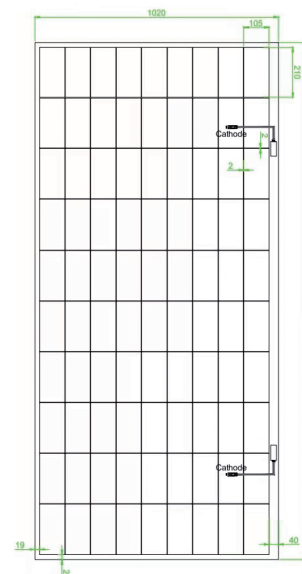
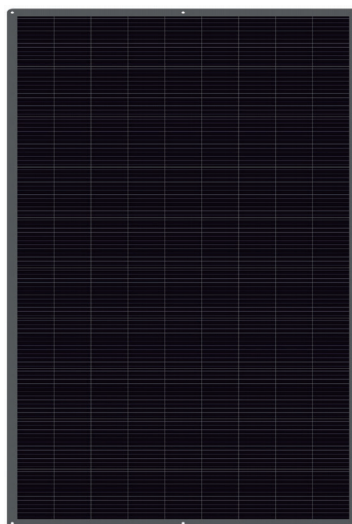


FLEXIBLE SOLAR PANEL

SP450W-45M



ELECTRICAL DATA

Model Type	SP450W-45M
Peak Power(Pmax)	450
Maximum Power Voltage(Vmp)	50.68V
Maximum Power Current(Impp)	8.88A
Open Circuit Voltage(Voc)	59.15V
Short Circuit Current(Isc)	9.39A
Module Efficiency(%)	20.15
* STC: irradiance 1000 W/m2, AM 1.5G, and cell temperature of 25°C	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1500
Maximum Series Fuse Rating(A)	15
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.400%
Voc Temperature Coefficients(V/°C)	-0.330%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2
Operating and Storage Temperature(°C)	-40~+85

MECHANICAL CHARACTERISTICS

Cell Type	210*105Mono
No. of Cells	90(10*9)
Dimensions	2158*1020*3mm
Weight	8.15kg
Junction box	IP65/IP67
Output cables	4mm² cable 90cm + mc4
MaxWind Load/Snow Load	2400Pa/5400Pa

CONTACT US >

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