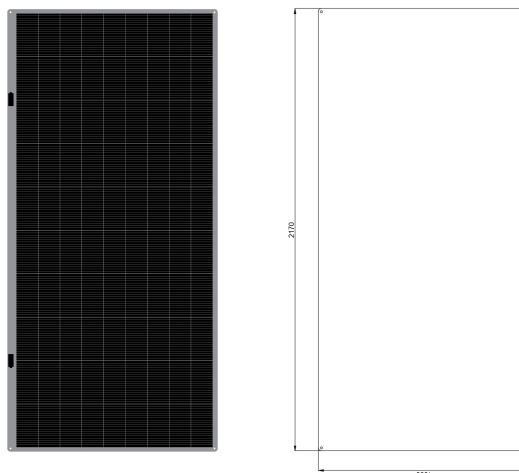


FLEXIBLE SOLAR PANEL

TY450W-45MH



ELECTRICAL DATA

Model Type	YH450W-22.5MF	YH450W-45MF
Peak Power(Pmax)	450	450
Maximum Power Voltage(Vmp)	26.10V	52.20V
Maximum Power Current(Imp)	17.25A	8.63A
Open Circuit Voltage(Voc)	30.60V	61.20V
Short Circuit Current(Isc)	18.23A	9.12A
Module Efficiency(%)	20.13	20.13
* STC: irradiance 1000 W/m2, AM 1.5G, and cell temperature of 25°C		

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	500
Maximum Series Fuse Rating(A)	20
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*105 Mono
No. of Cells	90(10*9)
Dimensions	2170*1030*3.5mm
Weight	8.16kg
Junction box	IP65/IP67
Output cables	4mm² cable 90cm + mc4
MaxWind Load/Snow Load	2400Pa/5400Pa