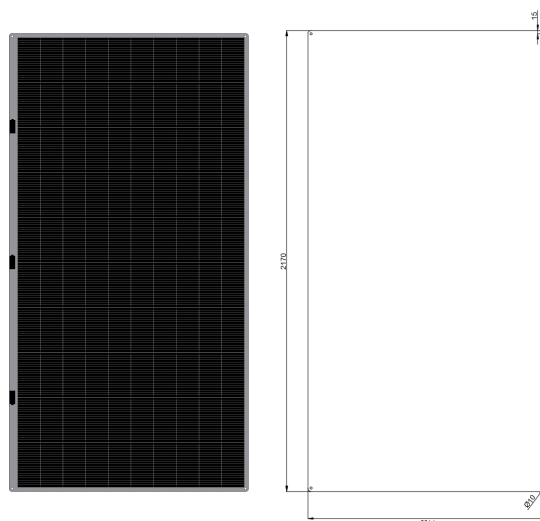


# FLEXIBLE SOLAR PANEL

## YH520W-50MH



### ELECTRICAL DATA

Model Type	YH520W-50MF	YH520W-25MF
Peak Power(Pmax)	520	520
Maximum Power Voltage(Vmp)	58.00V	29.00V
Maximum Power Current(Imp)	8.97A	17.94A
Open Circuit Voltage(Voc)	68.00V	34.00V
Short Circuit Current(Isc)	9.48A	18.96A
Module Efficiency( %)	21.21	21.21

\* STC: irradiance 1000 W/m<sup>2</sup>, 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	100(10*10)
Dimensions	2170*1130*3.5mm
Weight	8.95kg
Junction box	IP65/IP67
Output cables	4mm <sup>2</sup> cable 50cm + mc4
MaxWind Load/Snow Load	2400Pa/5400Pa