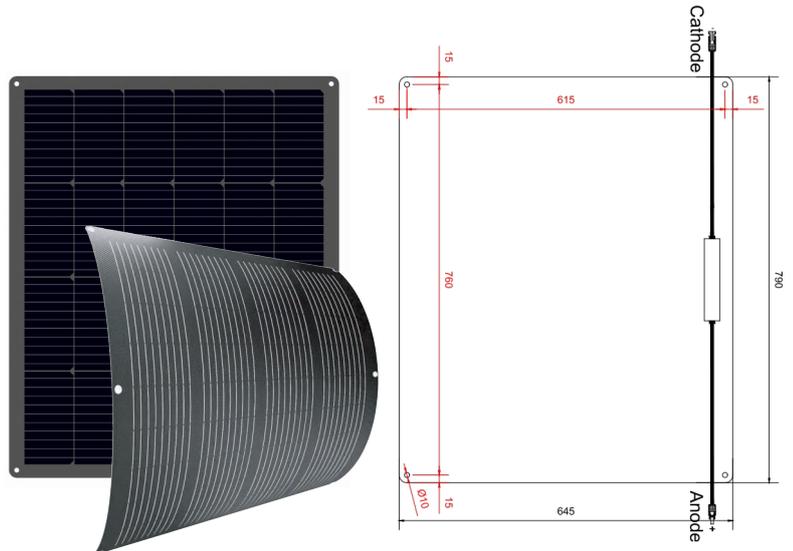


FLEXIBLE SOLAR PANEL YH100W-12M



ELECTRICAL DATA

Model Type	YH100W-12M
Peak Power(Pmax)	100
Maximum Power Voltage(Vmp)	13.50V
Maximum Power Current(Imp)	7.41A
Open Circuit Voltage(Voc)	16.37V
Short Circuit Current(Isc)	7.93A
Module Efficiency(%)	19.63

* STC: irradiance 1000 W/m², AM 1.5G, and cell temperature of 25°C

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1000
Maximum Series Fuse Rating(A)	10
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	182*95.8Mono
No. of Cells	24(4*6)
Dimensions	645*790*3mm
Weight	1.86kg
Junction box	IP65/IP67
Output cables	2.5mm ² cable 50cm + mc4
MaxWind Load/Snow Load	2400Pa/5400Pa