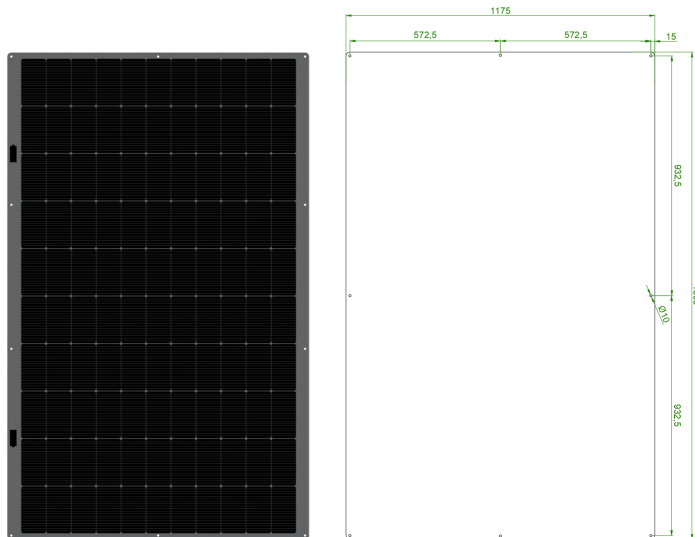


FLEXIBLE SOLAR PANEL

YH450W-27M



ELECTRICAL DATA

Model Type	YH450W-27M
Peak Power(Pmax)	450
Maximum Power Voltage(Vmp)	31.90V
Maximum Power Current(Imp)	14.11A
Open Circuit Voltage(Voc)	37.53V
Short Circuit Current(Isc)	15.09A
Module Efficiency(%)	20.21

* 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)	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	182*95.8Mono
No. of Cells	110(10*11)
Dimensions	1895*1175*3.5mm
Weight	8.10kg
Junction box	IP65/IP67
Output cables	4mm² cable 90cm + mc4
MaxWind Load/Snow Load	2400Pa/5400Pa