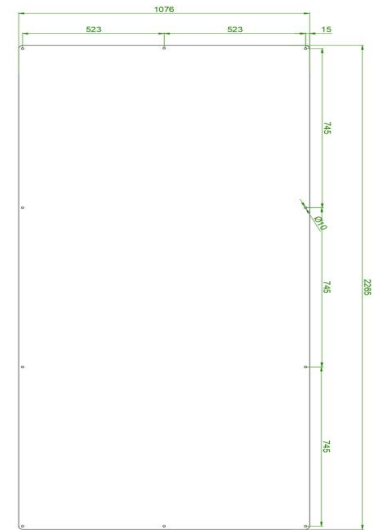
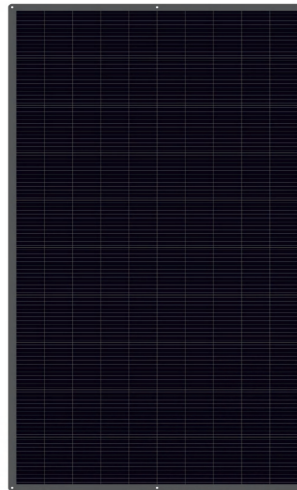


FLEXIBLE SOLAR PANEL

YH500W-30M



ELECTRICAL DATA

| Model Type | YH500W-30M |
|----------------------------|------------|
| Peak Power(Pmax) | 500 |
| Maximum Power Voltage(Vmp) | 35.31V |
| Maximum Power Current(Imp) | 14.16A |
| Open Circuit Voltage(Voc) | 40.25V |
| Short Circuit Current(Isc) | 14.87A |
| Module Efficiency(%) | 21.61 |

* 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 | 182*95.8Mono |
| No. of Cells | 120(12*10) |
| Dimensions | 2265*1076*3mm |
| Weight | 8.45kg |
| Junction box | IP65/IP67 |
| Output cables | 4mm ² cable 90cm + mc4 |
| MaxWind Load/Snow Load | 2400Pa/5400Pa |