

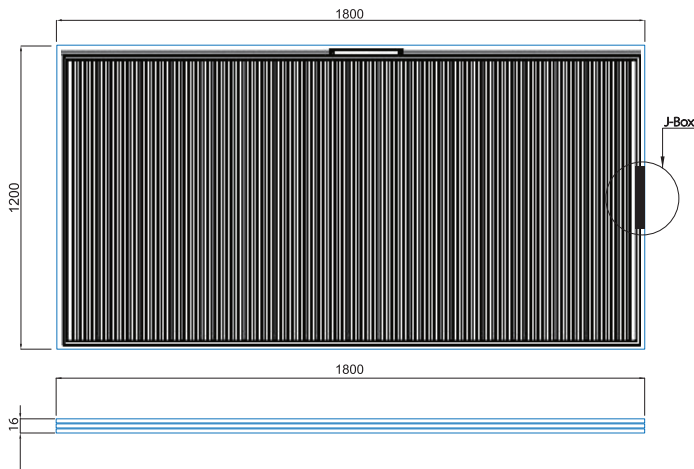


## SOLAR RAILING

### Thin Film Transparent Module

225W  
1000V

### ENGINEERING DRAWING (mm)



### ELECTRICAL DATA | STC\*

SPECIFICATIONS	SOLAR RAILING THIN FILM
Transmittance	20%
Nominal Power (Pmpp)	225W
Power Tolerance	±5%
Open Circuit Voltage (Voc)	58.5V
Short Circuit Current (Isc)	6.3A
Current At Pmax (Imp)	5.4A
Voltage At Pmax (Vmp)	42.1V
Max System Voltage	DC1000V (IEC)
Max Reverse Current	6A
Temperature Range	-40°C~+85°C
Protection Level	IP65

\* Under Standard Test Conditions (STC) of irradiance of 1000 W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25°C.

### MECHANICAL DATA

SPECIFICATIONS	SOLAR RAILING THIN FILM
Cell Type	CdTe
Size	1200mm x 1800mm x 16.2mm
Weight	78kg
Structure	5Li+1.52PVB+3.2CdTe+1.52PVB+5Li
J-Box	Side
Cable	2.5mm <sup>2</sup>
Cable Length (Including Connector)	650 ±10mm
Connector	MC4

### TEMPERATURE CHARACTERISTICS

SPECIFICATIONS	SOLAR RAILING THIN FILM
Temperature Coefficient Pmax	-0.28% / °C
Temperature Coefficient Voc	-0.28% / °C
Temperature Coefficient Isc	+0.04% / °C

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