

## SOLAR RAILING

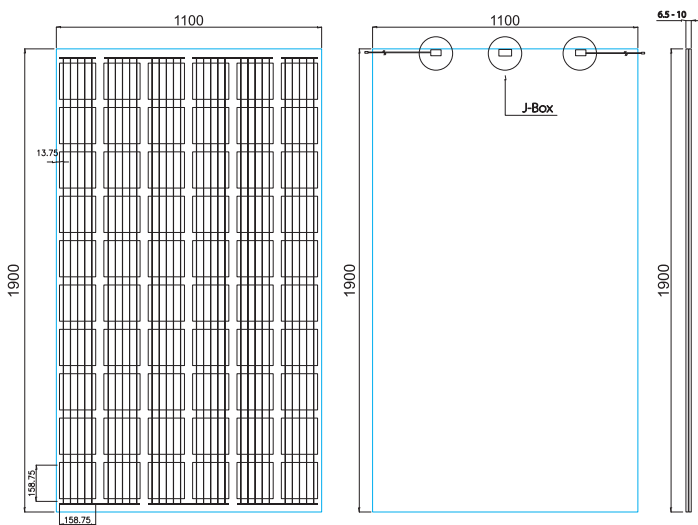
Semi-Opaque Mono Module with 60 Cells

High Efficiency Mono Module

320W

1000V

### ENGINEERING DRAWING (mm)



### ELECTRICAL DATA | STC\*

#### SPECIFICATIONS

Nominal Max. Power (Pmax)

MPP Operating Voltage (Vmp)

MPP Operating Current (Imp)

Open Circuit Voltage (Voc)

Short Circuit Current (Isc)

Cell Efficiency

Operating Temperature

Max. System Voltage

Max. Series Fuse Rating

Application Classification

#### SOLAR RAILING SEMI-OPAQUE

320W

35.1V

9.12A

39.2V

9.82A

22% - 22.5%

-40°C ~ +85°C

1000V (IEC/UL)

20A

Class A

\* 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

Cell Type

Cell Arrangement

Dimensions

Front Cover

Back Cover

Weight

J-Box

Cable

Cable Length (Including Connector)

Connector

#### SOLAR RAILING SEMI-OPAQUE

Mono-crystalline

60 [10x6]

1900mm x 1100mm

3.2 mm tempered glass

3.2 mm tempered glass

36kg

IP68, 3 bypass diodes

4mm<sup>2</sup>, 12 AWG (UL)

1000mm, 1200mm

MC4

### TEMPERATURE CHARACTERISTICS

#### SPECIFICATIONS

Temperature Coefficient Pmax

Temperature Coefficient Voc

Temperature Coefficient Isc

Nominal Module Operating Temperature

#### SOLAR RAILING SEMI-OPAQUE

-0.36% / °C

-0.30% / °C

0.046% / °C

42 ± 3°C


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