

SOLAR RAILING

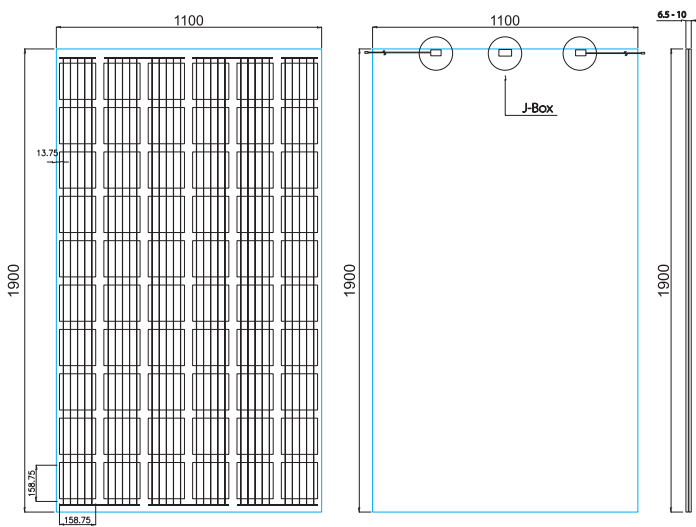
Semi-Opaque Mono Module with 60 Cells

High Efficiency Mono Module

320W

1000V

ENGINEERING DRAWING (mm)



ELECTRICAL DATA | STC*

SPECIFICATIONS	SOLAR RAILING SEMI-OPAQUE
Nominal Max. Power (Pmax)	320W
MPP Operating Voltage (Vmp)	35.1V
MPP Operating Current (Imp)	9.12A
Open Circuit Voltage (Voc)	39.2V
Short Circuit Current (Isc)	9.82A
Module Efficiency	15.3%
Operating Temperature	-40°C ~ +85°C
Max. System Voltage	1000V (IEC/UL)
Max. Series Fuse Rating	20A
Application Classification	Class A

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

MECHANICAL DATA

SPECIFICATIONS	SOLAR RAILING SEMI-OPAQUE
Cell Type	Mono-crystalline
Cell Arrangement	60 [10x6]
Dimensions	1900mm x 1100mm
Front Cover	3.2 mm tempered glass
Back Cover	3.2 mm tempered glass
Weight	36kg
J-Box	IP68, 3 bypass diodes
Cable	4mm ² , 12 AWG (UL)
Cable Length (Including Connector)	1000mm, 1200mm
Connector	MC4

TEMPERATURE CHARACTERISTICS

SPECIFICATIONS	SOLAR RAILING SEMI-OPAQUE
Temperature Coefficient Pmax	-0.36% / °C
Temperature Coefficient Voc	-0.30% / °C
Temperature Coefficient Isc	0.046% / °C
Nominal Module Operating Temperature	42 ± 3°C


Learn More:

 mitrex.com

 info@mitrex.com


Headquarters:

 41 Racine Rd., Toronto, ON M9W 2Z4, Canada

 +1 (416) 497 7120

West USA Location:

 10880 Wilshire Blvd Suite 1101, Los Angeles, CA 90024, USA

 +1 (323) 301 7978

East USA Location:

 1 Rockefeller Plaza Fl 11, New York, NY 10020, USA

 +1 (646) 583 4486