



SOLAR SIDING

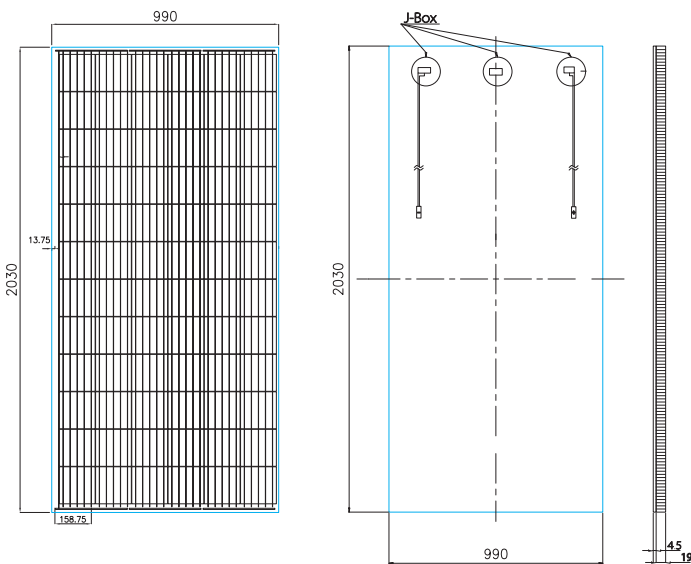
Stucco Facing With Aluminum Honeycomb (Arcturus)

High Efficiency Mono Module

250W

1000V

ENGINEERING DRAWING (mm)



ELECTRICAL DATA | STC*

SPECIFICATIONS

Nominal Max. Power (Pmax)

250W

MPP Operating Voltage (Vmp)

42.7V

MPP Operating Current (Imp)

5.85A

Open Circuit Voltage (Voc)

48.3V

Short Circuit Current (Isc)

6.66A

Cell Efficiency

22% - 22.5%

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

Cell Type

Mono-crystalline

Cell Arrangement

72 (12x6)

Dimensions

2030x990x24mm

Front Cover

3.2 mm tempered glass

Weight

29kg

Back Support

Aluminum Honeycomb

J-Box

IP68, 3 bypass diodes

Cable

4mm², 12 AWG (UL)

Cable Length (Including Connector)

300mm, 500mm, 1,000mm, 1,200mm

Connector

MC4

TEMPERATURE CHARACTERISTICS

SPECIFICATIONS

Temperature Coefficient Pmax

-0.36% / °C

Temperature Coefficient Voc

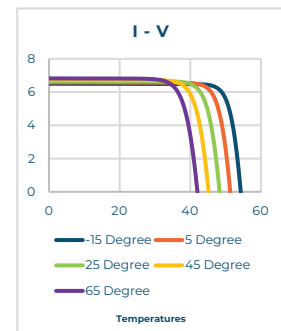
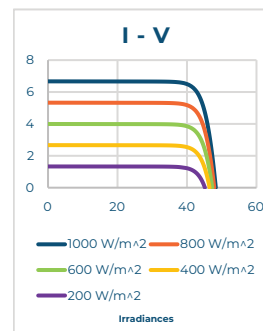
-0.30% / °C

Temperature Coefficient Isc

0.046% / °C

Nominal Module Operating Temperature

42 ± 3°C




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