



SOLAR CLADDING

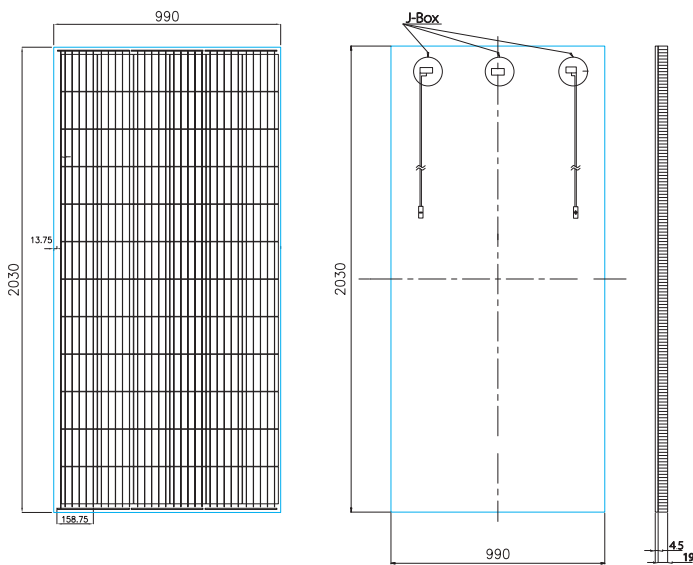
Orbit Facing With Aluminum Honeycomb

High Efficiency Mono Module

340W

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 CLADDING ORBIT

340W

42.3V

8.04A

48.2V

8.97A

22% - 22.5%

-40°C ~ +85°C

1000V (IEC/UL)

20A

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

Cell Arrangement

Dimensions

Front Cover

Weight

Back Support

J-Box

Cable

Cable Length (including Connector)

Connector

SOLAR CLADDING ORBIT

Mono-crystalline

72 (12x6)

2030x990mm

3.2 mm tempered glass

29kg

Aluminum Honeycomb

IP68, 3 bypass diodes

4mm², 12 AWG (UL)

500mm, 1000mm, 1200mm

MC4

TEMPERATURE CHARACTERISTICS

SPECIFICATIONS

Temperature Coefficient Pmax

Temperature Coefficient Voc

Temperature Coefficient Isc

Nominal Module Operating Temperature

SOLAR CLADDING ORBIT

-0.36% / °C

-0.30% / °C

0.046% / °C

42 ± 3°C

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