BougeRV

BJ100W-B-B016

Bifacial 100W Monocrystalline Solar Panel
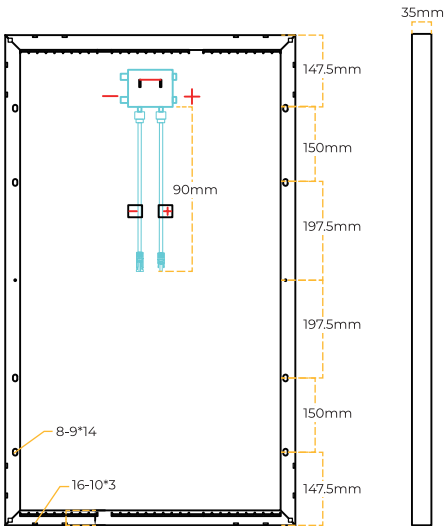

586mm

990mm
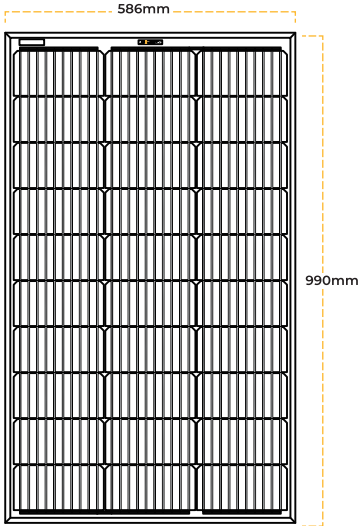
Front Profile (unit cm)

MC4 Negative

MC4 Positive

Electrical Data (STC)

Maximum Power (Pmax）	100W±5%
Solar Cells Efficiency	23%
Max. Power Voltage (Vmp)	17.1V±5%
Max. Power Current (Imp）	5.8A±5%
Open Circuit Voltage(Voc)	20.1V±5%
Short Circuit Current(Isc)	6.1A±5%
Max. System Voltage	1000V DC
Max. Series Fuse Rating	15A

"STC：Irradiance: 1000W/m² , Temperature: 25°C, Air Mass: 1.5"

Mechanical Data

Mono Solar Cells	10BB 7.2 x 3.6 in (182 x 91mm)
Number of Cells	30 (3 x 10)
Dimension	39.0 x 23.1 x 1.4 in (990 x 586 x 35 mm)
Weight	14.1lb (6.4KG)
Front Tempered Glass	0.13in (3.2mm)
Junction Box	IP68
MC4 Cables	14 AWG(2.5mm²) 3FT (900mm)
Frame	Anodized Aluminum Alloy

Temperature Characteristics

Temperature Coefficient of Pmax	-0.39%/°C
Temperature Coefficient of Voc	-0.33%/°C
Temperature Coefficient of Isc	-0.06%/°C
Operating Temperature Limits	-40°F～+185°F / -40°C~+85°C

Warranty

10 years Material & workmanship warranty

25 years Linear power output warranty

(Please refer to product warranty for details)

35mm

147.5mm

150mm

90mm

197.5mm

197.5mm

150mm

8-9*14

16-10*3

147.5mm

30mm

Back Profile (unit cm)   **Side Profile (unit cm)**

⚠️ **WARNING**   **ELECTRICAL HAZARD**

Before using this product, please read the user manual carefully and properly keep for reference.

CONTACT US

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Made in Malaysia