



## JPP-175

175 WATT SOLAR PANEL

Built with an aluminum frame that ensures superior performance during even the most severe weather, the Jaboni solar panel has high efficiency solar cells that ensure high performance and maximum power output.

### KEY FEATURES:

#### ADVANCED SOLAR CELLS

High-efficiency solar cells ensure high performance of the solar module and create maximum power output.

#### HIGH-TRANSMISSION GLASS

High-transmission 3.2mm tempered glass (over 92 -95% transmission).

#### ALUMINUM FRAME

Screwless corner joints provide superior rigidity, ten pre-drilled mounting holes ease installation.

#### SUPERIOR JUNCTION BOX

Multi function junction box with waterproof capabilities.

#### PANEL LIFE

Under 10% decrease of output power within 10 years and 20% decrease in 20-25 years. Tolerance:  $\pm 3\%$ .

#### WEATHER-PROOF DESIGN

High impact resistance to the most severe weather- high wind, driving rain, heavy snow and hail. Moisture-proof and corrosion resistant.



**Solar Power  
to the  
RV People.**

### ELECTRICAL SPECIFICATIONS

STANDARD TEST CONDITIONS:  
IRRADIANCE: 1000W/M2 AM:1.5  
TEMPERATURE: 25° F

Maximum Power (pmax)	175 W
Maximum Power Voltage	19.06 Vmp
Maximum Power Current	9.18 Imp
Open Circuit Voltage	23.25 Voc
Short Circuit Current	9.65 Isc
Module Efficiency	16.14%

### TEMPERATURE COEFFICIENTS

Temperature Coefficients of Pm	-0.45%/°F
Temperature Coefficients of Voc	-0.34%/°F
Temperature Coefficients of Isc	+0.05%/°F

### MAX LIMITS

Maximum System Voltage	1000V
Module Operating Temperature	-40 to +90°F
Noct	45±2°F

### MECHANICAL SPECIFICATIONS

Dimensions	58.46 X 26.57 X 1.299 inches (1485 X 675 X 33 mm)
Weight	29.76 lbs (13.5 kgs)
Cell size	6 inches (156mm x 156mm)
Cell technology	Poly-crystal silicon
Frame	Anodized Aluminum Alloy
Cable length	35.43 inches (900mm)
Number of cells (Pcs)	36 (4x9)
Surface Maximum Load Capacity	5400pa
Allowable Hail Load	227g steel ball dropped from 1m height

