

# VALEN 10W SOLAR PANEL

## SP V10

- Valen Solar Panels are designed for industrial applications and cater for a wide range of stand-alone power projects.
- These Photovoltaic (PV) panels are manufactured using A-grade solar cells to ensure high efficiency in every application.
- Valen panels are aesthetic in appearance and have a high-performance level even in low light conditions due to the superior cells used.
- High transparent glass is used in our panels to ensure maximum output and protection against the elements.
- The anodized aluminium frame will assist in withstanding high wind pressure while ensuring ease of installation.





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## SOLAR PANEL SPECIFICATIONS

### Specifications

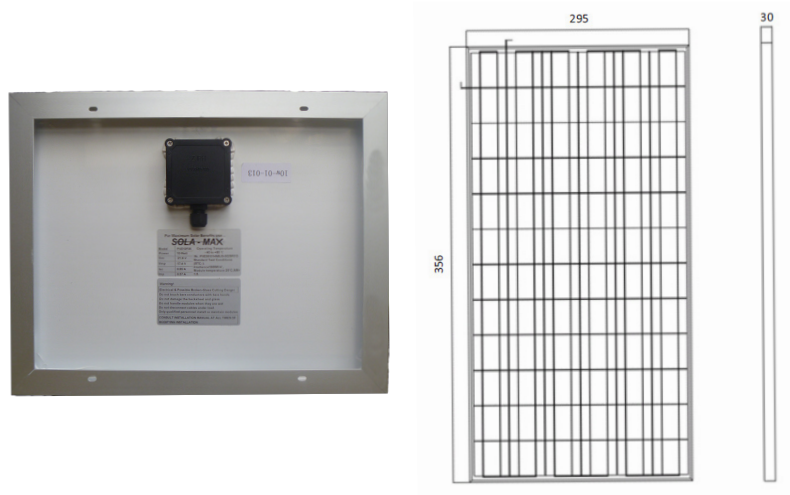
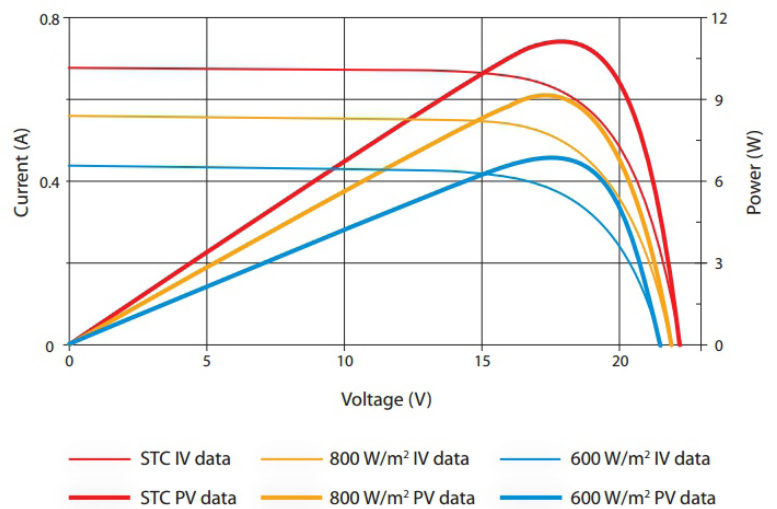
Maximum Power - Pmax	10W
Power Tolerance	+10%
Open Circuit Voltage - Voc	21.8V
Short Circuit Current - Isc	0.59A
Optimum Operating Voltage - Vmp	18.0V
Optimum Operating Current - Imp	0.56A
Maximum System Voltage	715 V DC (IEC)
Dimensions	356(L) x 295(W) x 30(H)
Weight	1.6kg
Cells	Multi-crystal solar cells
Temperature Range	-40°C to +85°C

### Temperature Coefficients

NOCT*:	45°C +/- 2°C
Short circuit current temperature	(0.055 +/- 0.01)%/K
Open circuit voltage temperature coefficient	-(75 +/- 10)mV/K
Peak power temperature coefficient	(0.47 +/- 0.05)%/K
Power tolerance	+10%

\*NOCT: Nominal Operating Cell Temperature  
(The data is only for reference)

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Specifications subject to change without notice.