

250W Series



Description

The Solahart 250W Series solar panel is manufactured to Solahart specifications delivering an efficient, durable panel.

Our panels are made from quality multi-crystalline cells. Each cell is tested and power matched to ensure consistent performance.

Solahart panels are designed to be durable, provide a stable power output and engineered to meet the highest quality standards.

The 250W Series panel is certified to International Standards IEC 61215 & IEC 61730 and meets the requirements of all relevant Australian authorities.

Key Features

- Anti reflective glass
- Built to Solahart specifications by Hanwha
- Solahart 5 year warranty*



Key Benefits

- Improves collection of sunlight
- More robust panel
- Backed by Solahart for peace of mind

250W Series

Electrical Characteristics

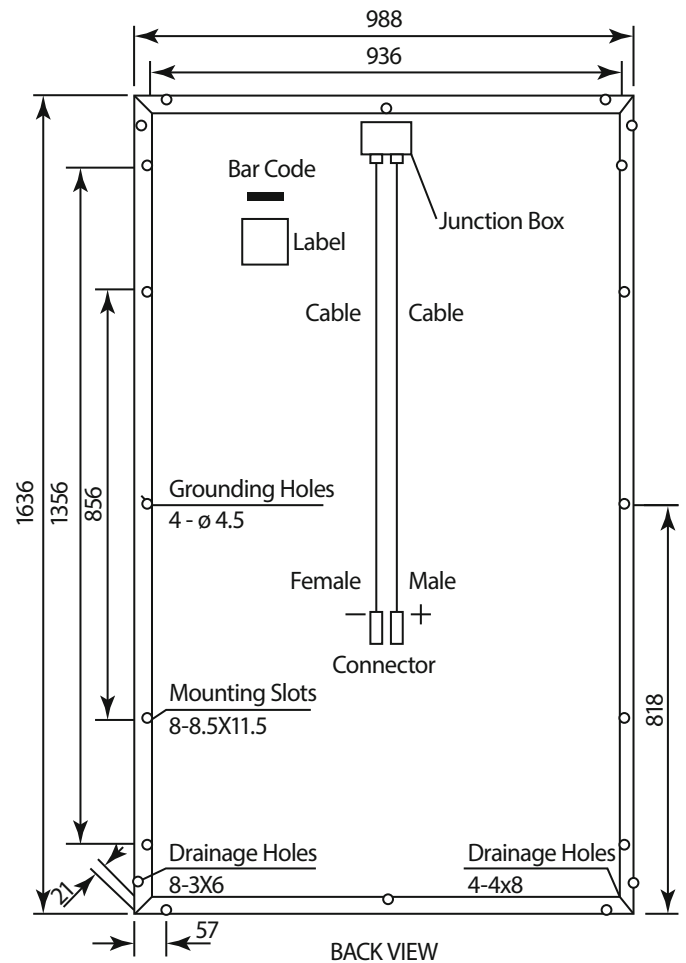
Maximum Power (P_{MAX})	250 W
Power Class	-0 / +5 W
Open Circuit Voltage (V_{OC})	37.7 V
Short Circuit Current (I_{SC})	8.79 A
Maximum Power Voltage (V_{MPP})	30.4 V
Maximum Power Current (I_{MPP})	8.23 A
Module Efficiency	15.5%
Temperature Coefficients	<div>P</div> <div>V</div> <div>I</div> <div>-0.43 % / °C</div> <div>-0.31 % / °C</div> <div>+0.05 % / °C</div>
Maximum System Voltage (IEC)	1000 V
Series Fuse Rating	15A
Maximum Reverse Current	20A

P_{MAX} , V_{OC} , I_{SC} , V_{MPP} , and I_{MPP} tested at Standard Test Conditions (STC) defined as irradiance of 1000W/m² at AM 1.5 solar spectrum and a temperature of 25±2°C. Measurement tolerance: +/- 3% (P_{MAX}).

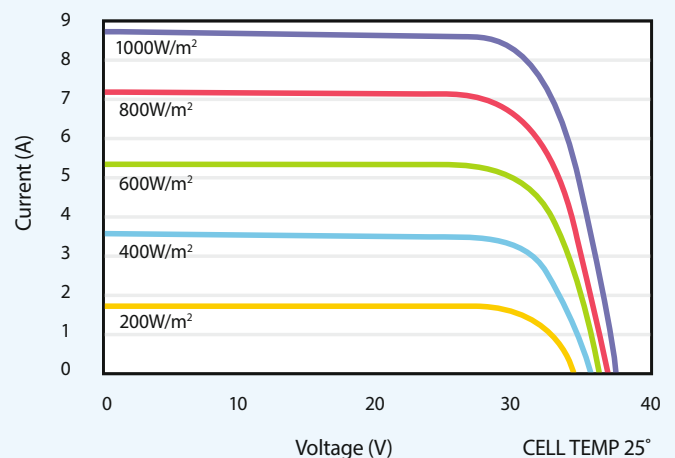
Specifications

Dimensions	1636mm x 988mm x 40mm
Weight	19 ± 0.5kg
Cell Quantity and Type	60 multi-crystalline cells
Glass	3.2mm tempered glass with anti-reflective coating
Backsheet	Composite sheet
Frame	Anodised Aluminium Alloy
Temperature Range	-40°C to 85°C
Junction Box	Protection class IP 67
Connectors	Amphenol H4
Part Number	HSL60P6-PB-1-250
Solahart Warranty	5 year (1 year labour) on panels*

*For full details see the Solahart Owner's Guide and Installations Instructions



Various Irradiance Levels



Note: Electrical parameter curves are generated from a combination of production and lab data and may not exactly match that of a single test module.

Specification and design included in this datasheet are subject to change without notice.

Solahart Australia Tel: 1300 769 475 • www.solahart.com.au

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