# SOLAR POWER PANELS



# **SOLAHART SILHOUETTE®**

## N-TYPE BIFACIAL RESIDENTIAL PANELS

SOLAHART440BRB1





The new Solahart Silhouette® panel is our most advanced PV panel ever, featuring ultra-high performance, superior efficiency, and an impressive 30-year performance guarantee. With its signature all-black dual-glass bifacial design and innovative cell technology, it's the ideal solution for Australian homes.

This new model boosts panel efficiency to up to 22%, and with positive tolerance of up to 5W, guarantees that each Silhouette panel will have a rated maximum power on or above 440W at Standard Test Conditions.<sup>(1)</sup>

The state-of-the-art n-type, monocrystalline half-cell and zero-busbar design offers excellent performance under Australian conditions, on hot summer days and even in low-light environments.

Dual-glass design enhances the safety with Class A Fire rating and is more resilient to micro-cracks. Overall, it makes the panels more reliable and long lasting.

The exceptional 30 year Performance Guarantee assures at least 89.4% of nominal power at 25 years and at least 87.4% at 30 years.

Every Solahart system is backed by a trusted Solahart Australia Warranty that offers the advantage of local on-the-ground support to deliver true peace of mind. With more than 70 years of solar experience and over 60 Dealerships across Australia, we're here for the long haul.

## How you benefit:





Excellent low-light and temperature behaviour results in more energy production per square metre of panels.



#### **HIGH PERFORMANCE**

High efficiency (22%) and lower degradation for excellent performance and reliability.



#### **DESIGNED FOR AUSTRALIA**

Designed for Australia to perform in all conditions, from low-light environment to high temperatures.

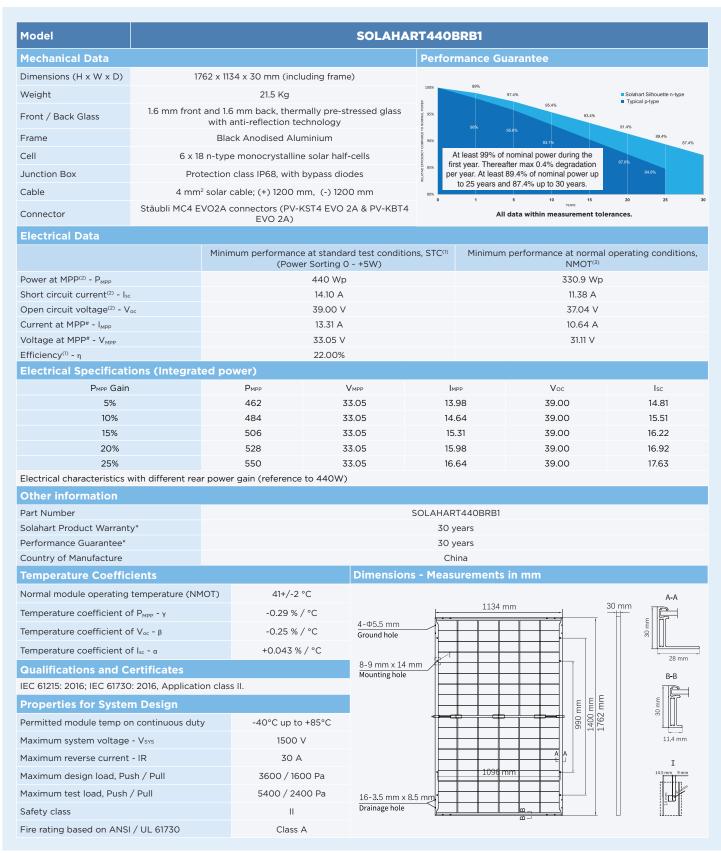


#### **SOLAHART WARRANTY**

30-Year Solahart Product Warranty for peace of mind, plus a 30-Year Performance Guarantee for long-term returns.\*

## **TECHNICAL DATA**





Specifications and designs included in this data sheet are subject to change without notice.

<sup>(9)1000</sup> W/m2, 25±2°C, AM 1.5 G. (2)Measurement tolerances P<sub>MPP</sub> ±3.5 %; l<sub>SC</sub> ±5 %, V<sub>OC</sub> ±3.5 % at STC. (3)800 W/m2, NMOT, spectrum AM 1.5 G. # Typical values, actual values may differ.

<sup>\* 30-</sup>year Solahart Product Warranty covers certain defects with the Solahart Silhouette\* panels. Please refer to the 'Solahart PV Systems Owner's Guide' for full details, available on Solahart's website www.solahart.com.au. 30-year Performance Guarantee is provided by the manufacturer of the Solahart Silhouette\* panels and guarantees the maximum reduction in power output performance of the panels over a 30-year period. Neither the Solahart Product Warranty nor the Performance Guarantee are intended to exclude, restrict or modify your rights under the Australian Consumer Law.