# SOLAR POWER PANELS



# **SOLAHART SILHOUETTE**

### N-TYPE RESIDENTIAL PANELS

SOLAHART420S5





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

This new model boosts panel efficiency to up to 21.5%, and with positive tolerance of up to 5W, guarantees that each Silhouette panel will have a rated maximum power on or above 420W at Standard Test Conditions.<sup>(1)</sup>

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

An exceptionally low panel degradation of 1% in the first year and 0.4% thereafter, combined with a lower temperature coefficient, means higher power generation and higher savings over the life of the system compared to p-type PERC panels in the same power class.

The exceptional 25-Year Solahart Australian Product Warranty and a 30-Year Performance Guarantee provide ultimate confidence and peace of mind.\*

## How you benefit:





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



#### **HIGH PERFORMANCE**

High efficiency (21.5%) 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.

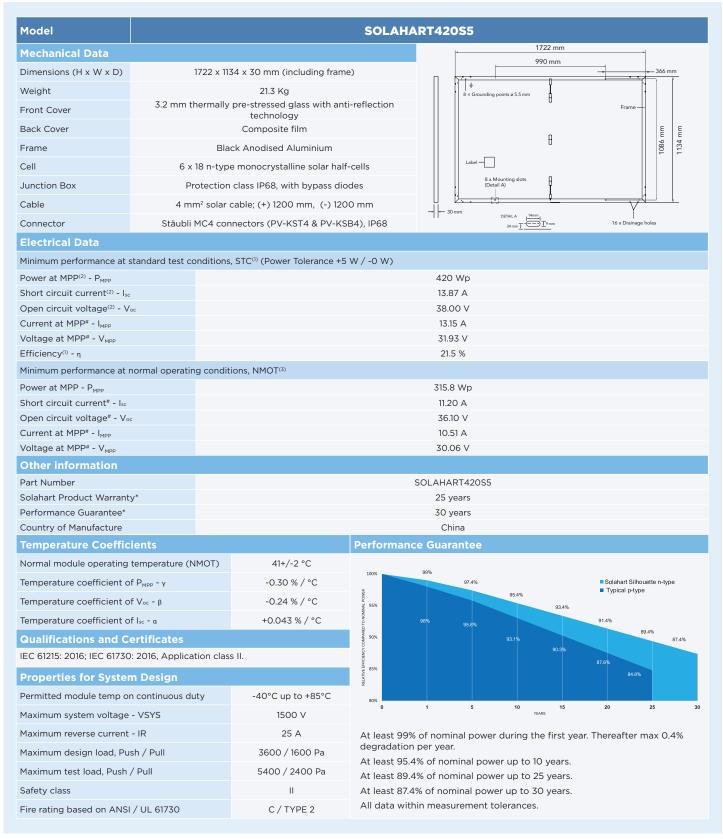


#### SOLAHART WARRANTY

25-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>(0)1000</sup> W/m2, 25±2°C, AM 1.5 G. (2)Measurement tolerances PMPP ±3 %; ISC, VOC ±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.

<sup>^</sup>APT test conditions according to IEC/TS 62804-1:2015, method B (-1500 V, 168 h).