

A TOTAL ENERGY SOLUTION FOR YOUR HOME



Home Batteries

Home batteries allow you to maximise the use of your solar power and minimise energy bills by storing excess electricity produced during the day so you can enjoy it:

- at night or on low sunlight days
- when utility rates are more expensive
- during blackouts



TOTAL PEACE OF MIND

Since 1953, Solahart has been helping smart Australians cut their energy bills and future-proof their homes by harnessing the power of the sun.

Over seven decades, Solahart has grown from strength to strength, pioneering solar in Australia and around the world. Today, Solahart is the most trusted name in residential renewables, with the highest quality products and the most dependable warranties.

Every product in our range is stretch-tested to ensure it meets our exceptionally high standards. And in the unlikely event of a problem, you can be sure that Solahart will be here to fix it - whether you need us tomorrow or many years in the future.

With our new 440W Silhouette solar panels, you will enjoy a 30-Year Solahart Product Warranty* for total peace of mind, plus a 30-Year Performance Guarantee^ for extra assurance.



Solahart PowerStore®

Solahart PowerStore® is Australia's first solar-smart electric water heater. It captures the excess energy from your rooftop solar panels and uses it to heat your water gradually for use at a later time.

It's similar to a home battery in that it stores energy for later use, but it's more affordable. And because it minimises the amount of power you draw from the grid, it's a great way to reduce your energy bills.

Solahart Home Energy Management System

Solahart's Home Energy Management System monitors and intelligently coordinates the performance of your PV system, hot water tank, home battery, electric vehicle chargers, and other connected appliances to reduce your energy costs and give you greater control of your home's electricity consumption. Customers can view all this information via the Solahart atHome web app.



*The bifacial solar panel is designed to generate energy from both the front and rear sides, depending on the amount of light that reaches the rear side. The rear side light depends on factors such as the type of roof, its albedo (reflectivity), and the method of installation. The bifacial solar panel can produce between 0% to 25% more electricity than a monofacial solar panel under optimal conditions, but this is not guaranteed. The actual performance of the bifacial solar panel may vary depending on the environmental and operational conditions. Please consult a qualified installer for the best installation method and location for your bifacial solar panel. ^30-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 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 Australian Consumer Law. *1000 W/m², 25±2°C, AM 1.5 G.

Book a free on-site solar assessment
Call 1300 769 475 or visit solahart.com.au

A Rheem Australia Company



**GET SMART
GET SOLAHART**



THE PANEL OF THE FUTURE HERE TODAY

Introducing the new Solahart Silhouette® 440W bifacial solar panel



Reorder code: SHB/SILHOUETTE-B SOLA1346_Silhouette440W_4P_Brochure_Feb 2024

SOLAHART SILHOUETTE® FEATURING REVOLUTIONARY BIFACIAL TECHNOLOGY

The new Solahart Silhouette® 440W bifacial solar panel, our smartest, most powerful panel ever, is taking residential solar energy to a whole new level.

Using cutting-edge bifacial technology, each panel captures the sun's rays on both its front and back sides which increases total energy generation.*

To ensure greater durability, reliability, and safety, panels also come with dual layers of glass, while the latest N-type rectangular cell technology offers higher power output, outstanding reliability, and a superior 22% efficiency.

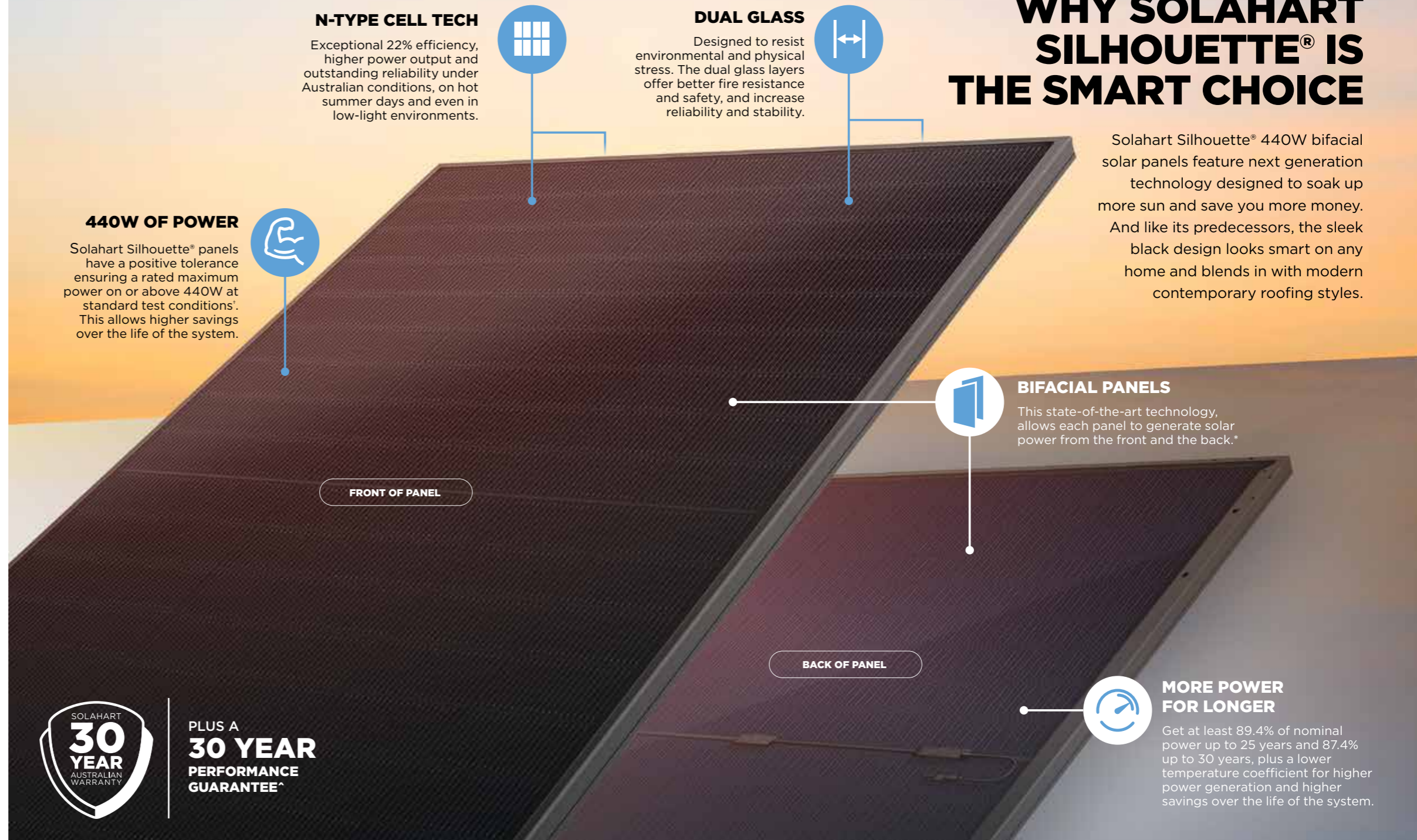
For the ultimate peace of mind, the new Silhouette panel comes with an impressive 30-Year Performance Guarantee[^] on top of a Solahart 30-Year Australian Product Warranty.[#]



PLUS A **30 YEAR PERFORMANCE GUARANTEE[^]**

WHY SOLAHART SILHOUETTE® IS THE SMART CHOICE

Solahart Silhouette® 440W bifacial solar panels feature next generation technology designed to soak up more sun and save you more money. And like its predecessors, the sleek black design looks smart on any home and blends in with modern contemporary roofing styles.



N-TYPE CELL TECH
Exceptional 22% efficiency, higher power output and outstanding reliability under Australian conditions, on hot summer days and even in low-light environments.

DUAL GLASS
Designed to resist environmental and physical stress. The dual glass layers offer better fire resistance and safety, and increase reliability and stability.

440W OF POWER
Solahart Silhouette® panels have a positive tolerance ensuring a rated maximum power on or above 440W at standard test conditions*. This allows higher savings over the life of the system.

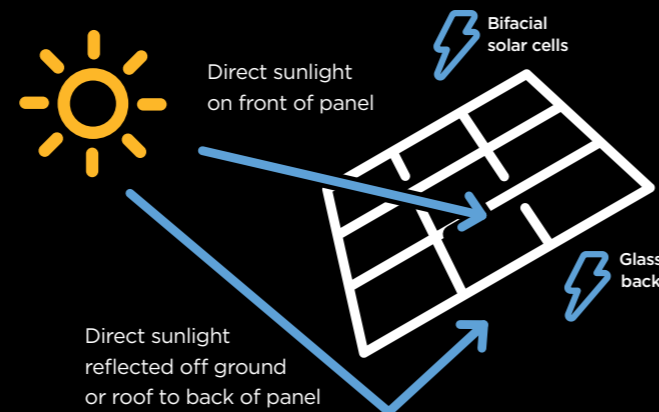
BIFACIAL PANELS
This state-of-the-art technology, allows each panel to generate solar power from the front and the back.*

MORE POWER FOR LONGER
Get at least 89.4% of nominal power up to 25 years and 87.4% up to 30 years, plus a lower temperature coefficient for higher power generation and higher savings over the life of the system.

Soak up more sunshine on the front and back

The new Solahart Silhouette® solar panels use bifacial cells and are constructed with glass on the front and back. This next-gen technology allows them to convert both direct sunlight, and light that's reflected off the ground or roof, into energy. Depending on the installation angle and amount of reflection, this means between 0% to 25%* more energy can be produced compared to monofacial panels.

How this next-gen technology works



The panel that keeps on giving

The new Solahart Silhouette® bifacial panel is built to last giving you at least 87.4% of nominal power up to 30 years.

