

# SUNGROW PRODUCT SPECIFICATION

A solar power system that will be on your roof for 25+ years deserves the best inverter you can afford. However, if you want to avoid the ~\$1,500 premium that high-end brands like Fronius or Enphase command in 2026, Sungrow remains my top recommendation for the "value" category—though the competition from GoodWe and newer entrants like Sigenergy is tighter than ever.

Sungrow inverters are widely considered the "Toyota" of the Australian solar market: reliable, extremely common, and well-supported by a local office that has been operating in North Sydney for over 14 years.

## Residential



SG-RS / SG-RS-ADA / SG-RT

## Energy Storage



SH-RS / SH-RT / SH5K-30

## Commercial



SG33 / 40CX / 50CX

## Utility-scale



SG110CX / SG110CX-P2

## About Sungrow

**Sungrow Customer Service:** 1800 786 476

**Website:** [service.sungrowpower.com.au](http://service.sungrowpower.com.au)

Sungrow Power Supply Co Ltd is a global heavyweight. Founded in 1997, they reached a massive milestone in mid-2025 with over 870 GW of power electronics installed worldwide. To put that in perspective, they had only 154 GW installed at the end of 2020—their growth has been vertical. In Australia, they operate out of North Sydney, NSW, and maintain a significant warehouse in Smithfield for rapid warranty replacements. They have also met their commitment to sourcing 100% renewable electricity for their global manufacturing operations ahead of their 2028 goal.

## Sungrow Inverters: Pros & Cons

Pros	Cons
<ul style="list-style-type: none"><li>✓ <b>Exceptional Value:</b> Still the "bang-for-buck" king, sitting comfortably between budget brands and premium European options.</li><li>✓ <b>10-Year Warranty as Standard:</b> Most residential models (SG and SH series) now come with a 10-year parts and labor warranty in Australia, a significant upgrade from the old 5-year standard.</li><li>✓ <b>Powerful Hybrid Options:</b> The latest SH-RS (Single Phase) and SH-RT (Three Phase) hybrids integrate seamlessly with Sungrow's SBR and SBH battery stacks.</li><li>✓ <b>Industry-Leading App:</b> The iSolarCloud platform received major updates in 2025/2026, offering live data (10-second refresh) and remote "IV Curve" health checks.</li><li>✓ <b>Massive Installer Network:</b> Because they are so common, almost any solar sparky in Australia knows how to install or service them.</li></ul>	<ul style="list-style-type: none"><li>✗ <b>Tech Support Bottlenecks:</b> While they have a local office, their stellar growth means wait times for tech support can still be frustrating for installers.</li><li>✗ <b>"All Eggs in One Basket" Backup:</b> Most Sungrow hybrids route the backup circuit through the inverter. If the inverter itself fails, those dedicated backup circuits (often your lights and fridge) will lose power until the unit is bypassed or replaced.</li><li>✗ <b>Inrush Current Limits:</b> While better than previous generations, the backup circuits can still struggle with high "inrush" loads like large water pumps or old air conditioners.</li><li>✗ <b>Fiddly Connectors:</b> The push-in "plug and play" connectors are fast, but if not seated perfectly, they can be a source of thermal issues—something savvy installers are very careful about.</li></ul>

## Sungrow Warranty & Support in 2026

In 2026, the warranty process is more streamlined but still requires you to go through your original installer first.

- **Standard Warranty:** 10 years for most residential inverters (SG and SH series).
- **Service Rebate:** Sungrow offers a ~\$150 service rebate to installers to cover the cost of a warranty swap, which helps ensure you aren't charged for labor by your solar company during a claim.
- **Trade-in Program:** In early 2026, Sungrow ran a popular "Trade-in and Upgrade" program for older units, showing a proactive approach to keeping their fleet modern.

## Cybersecurity & Firmware

The high-profile security flaws identified back in 2020 are long gone, replaced by much more robust encryption. The 2026 versions of iSolarCloud include multi-factor authentication and meet the latest Australian "Cyber Security for Distributed Energy" standards.

## Our Recommendation for 2026

Sungrow remains the "Goldilocks" choice for the average Aussie home: not too expensive, but far from "cheap and nasty."

In the 2025 SolarQuotes Installers' Choice Awards, Sungrow took home Silver for "Best Inverter," with 19% of the total vote. While Fronius still holds the #1 spot for those who want the absolute best, Sungrow is the undisputed champion for those who want a reliable system that pays for itself quickly.