

GOODWE PRODUCT SPECIFICATION

As of 2026, GoodWe has firmly established itself as the leading "value-tier" choice in the Australian market. While they continue to save homeowners significantly compared to premium European brands, they have aggressively narrowed the gap in warranty, power density, and smart features. Below is the updated profile for GoodWe inverters with the latest 2025–2026 data.



The Value Proposition: GoodWe vs. The "Big Two"

GoodWe remains a dominant force for budget-conscious but quality-seeking Australians.

- **Cost Savings:** Choosing GoodWe typically saves you roughly \$1,200 to \$1,500 compared to brands like Fronius or SMA.
- **Installer's Choice:** GoodWe consistently ranks in the Top 3 for "Installers Choice Awards" in Australia (placing 2nd or 3rd every year through 2025). Installers like them because they are straightforward to commission and have a strong local support presence.
- **Manufacturing Pedigree:** Their reliability is backed by the fact that they manufacture components for global giants like General Electric (GE) and Redback Technologies.

Inverter Warranty: The 10-Year Standard

The days of the shaky 5-year warranty are over.

- **10-Year Full Warranty:** For all residential grid-connect and hybrid inverters manufactured after 2021 and installed in Australia, GoodWe provides a 10-year full warranty (parts and labor) as standard (when registered).

- The "Online" Requirement: As with many modern brands, maintaining this warranty typically requires the inverter to be connected to the internet. This allows for remote firmware updates and diagnostics.
- The Ancillary "Joke": Note that while the inverter has 10 years, peripheral items like Wi-Fi dongles and smart meters are still often capped at 2 years.

GoodWe Pros & Cons (2026 Edition)

Pros	Cons
<ul style="list-style-type: none"> ✓ Local Support: They maintain a large Australian head office in Rowville, Victoria, providing genuine local technical support. ✓ Complex Roof Specialists: The MS G3 series features 3 MPPTs, allowing for high efficiency on homes with panels facing three different directions (e.g., North, East, and West). ✓ AC Coupling & Expansion: You can easily add a GoodWe hybrid to an existing system, allowing for massive setups (up to 20kWp on a single phase when AC-coupled). ✓ High-Current Compatibility: Newer models (G3 and G4) are designed for the latest ultra-high-power solar panels (supporting up to 16A–20A input current). 	<ul style="list-style-type: none"> ✗ Thermal Derating: Most GoodWe units use convection (fanless) cooling. While silent, they are prone to "derating" (reducing power output) in the peak of an Australian summer if installed in direct sunlight. Installer Tip: Always mount them in the shade. ✗ Clunky Software: Despite updates, the SEMS Portal app still receives criticism for its interface and occasional connectivity bugs compared to premium competitors. ✗ Battery Expansion Window: If using GoodWe Lynx batteries, the warranty generally requires any additional battery modules to be added within one year of the initial installation. ✗ Consumption Meter Issues: The "Homekit" meter has historically had Wi-Fi stability issues. Many high-end installers now recommend a Catch Power relay or a hardwired LAN connection for reliable monitoring.

Company & Contact Information

GoodWe (GoodWe Technologies Co., Ltd) is a publicly-listed company (Shanghai Stock Exchange) with over 100GW installed globally.

Australian Office (Victoria):

- Address: 2/6 Enterprise Drive, Rowville, VIC 3178
- Support Phone: 03 9918 3905
- Email: service.au@goodwe.com

The Value Proposition: GoodWe in 2026

GoodWe is no longer just "the cheaper option." They are now the "smart value" choice, especially for complex residential solar and storage setups.

- **Installer Choice:** In the 2025/2026 SolarQuotes Installers' Choice Awards, GoodWe solidified its position as a Top 3 brand. When installers were asked what they'd put on their own homes, GoodWe was a primary contender for those seeking high-spec features at a lower entry point.
- **Compatibility:** GoodWe is one of the most versatile brands on the market, having manufactured or provided the platform for brands like GE, Redback, and LG.
- **Massive Growth:** With over 52GW installed globally and a dedicated Australian office in Rowville, Victoria, their local footprint is as deep as any major competitor.

Quick Comparison Table

Feature	GoodWe (2026)	Premium (Fronius/SMA)
Typical Cost	~\$1,100 – \$1,800	~\$2,300 – \$3,500
Standard Warranty	10 Years	10 Years (usually 5+5)
Cooling	Passive (Convection)	Active (Fans)
App Experience	Functional / Clunky	Polished / High Detail

2026 Pros & Cons: What You Need to Know

Pros	Cons
<ul style="list-style-type: none"> ✔ The Price is Right: You still typically save \$1,000–\$1,500 over a high-end European unit. ✔ 10-Year Australian Warranty: GoodWe offers a 10-year full warranty (parts and labor) on its entire grid-connect and hybrid range in Australia (provided the system is registered on their portal). ✔ Complex Roof Master: The MS G3 series offers 3 MPPTs, a feature rarely found in this price bracket. It allows you to place solar panels on three different roof faces (e.g., North, East, and West) without losing efficiency. ✔ Massive Over-Sizing: New 2026 models like the ESA Series allow for up to 200% PV oversizing (e.g., putting 10kW of panels on a 5kW inverter), which is perfect for maximizing battery charging on cloudy days. 	<ul style="list-style-type: none"> ✘ Convection Cooling (Heat Management): Most GoodWe inverters are fanless. While this makes them silent, it means they rely on "convection" cooling. In the 40°C+ Australian heat, they are prone to derating (reducing power output) if they get too hot. Essential Tip: Install them in a shaded, well-ventilated area. ✘ Software Glitches: The SEMS Portal app, while functional, is still considered a bit clunky compared to the highly polished interfaces of Fronius or Tesla. ✘ The Battery Expansion Window: If you install a GoodWe Lynx battery, you are generally limited to adding more modules within one year of installation. After that, cell resistance differences make expansion difficult. ✘ Recall History (FYI): In late 2025, a voluntary recall was issued for certain EHB and GEH series units regarding a "bypass switch" safety issue. Ensure any new install has the firmware version 050531 or later, which resolves the risk.

About GoodWe Australia

GoodWe operates as a listed public company on the Shanghai Stock Exchange, offering deep "bankability" for long-term warranty peace of mind.

- Australian HQ: 2/6 Enterprise Drive, Rowville, Victoria 3178
- Local Support: 03 9918 3905 (Melbourne-based technical team)
- Web: goodwe.com.au

Our Recommendation for 2026

If you are weighing GoodWe vs. Sungrow, it often comes down to your roof. If you have a complex roof with three orientations, the GoodWe MS G3 is hard to beat.