RESIDENTIAL SOLAR & BATTERY · BRAND GUIDE

# PRODUCT GUIDE 2026

The Australian solar market is crowded. Plenty of brands won't be around in five years, leaving customers with worthless warranties when their gear starts failing.

This is how we think about **panels, inverters and batteries** after years of installing them across Perth. It's the same advice we'd give family.

| AVOID | VALUE FOR MONEY | PREMIUM |
|---|---|---|
| Recall history, failures, or thin Australian presence. | Proven workhorses. Honest value for the everyday Perth home. | Best-in-class engineering and the longest track records. |

## 01 SOLAR PANELS

23 BRANDS REVIEWED

Panels are commodity-like, but warranties are not. Plenty of manufacturers have come and gone from Australia, leaving customers stranded. Before you commit, do an **ABN check** and pick a brand with a real local presence.

| AVOID — STAY AWAY | VALUE FOR MONEY — WORKHORSES | PREMIUM — TOP TIER |
|---|---|---|
| Akcome | Trina Solar | Aiko |
| HT-SAAE | Jinko Solar | REC |
| Astronergy | JA Solar | Sunpower |
| EGing PV | Longi | Winaico |
| DMEGC | Canadian Solar | Tindo AUS MADE |
| TW Solar | Risen | Phono Sumec |
| DAsolar | Suntech | |
| Sunova Solar | Axitec | |
| | Seraphim | |

**TIP · PANELS** Many panel brands have come and gone from Australia, leaving customers with worthless warranties when their panels start failing. For peace of mind, do an **ABN check** and choose a manufacturer with an established Australian presence.

## 02 SOLAR INVERTERS

14 BRANDS REVIEWED

The inverter is the most complex part of a solar system and the part most likely to fail. Quality matters here more than anywhere else. Check the **Clean Energy Council recall list** to see which brands have a history of issues.

| AVOID — STAY AWAY | VALUE FOR MONEY — WORKHORSES | PREMIUM — TOP TIER |
|---|---|---|
| Growatt | GoodWe | Sigenergy |
| Sofar | | Sungrow |
| Solax Power | | Fronius |
| Solis | | SMA |
| SAJ | | SolarEdge |
| Solplanet | | iStore |
| | | Enphase — MICROS |

**TIP · INVERTERS** A **hybrid inverter** is recommended if you might add a DC-coupled battery in future. Optional **Tigo power optimisers** can be added to any inverter model if shading is an issue.

## 03 HOME BATTERIES

17 BRANDS REVIEWED

A battery is a serious purchase that should outlast a decade of daily cycling. We recommend **DC-coupled** batteries for higher round-trip efficiency and the ability to supersize your panel array, and **LiFePO4** chemistry for the highest safety standard.

| AVOID — STAY AWAY | VALUE FOR MONEY — WORKHORSES | PREMIUM — TOP TIER |
|---|---|---|
| Alpha-ESS | GoodWe | Sigenergy |
| Redx | Redback | Sungrow |
| SAJ | | BYD |
| Sofar | | SolarEdge |
| Solax Power | | iStore |
| Growatt | | Enphase |
| Jinko — REBADGED GROWATT | | Tesla Powerwall |
| | | Sonnen |

**TIP · BATTERIES** DC-coupled batteries deliver higher round-trip efficiency and let you supersize your solar array. For safety, choose **Lithium-Iron-Phosphate (LiFePO4)** chemistry. Ask us for a tailored savings and payback calculation before you commit.