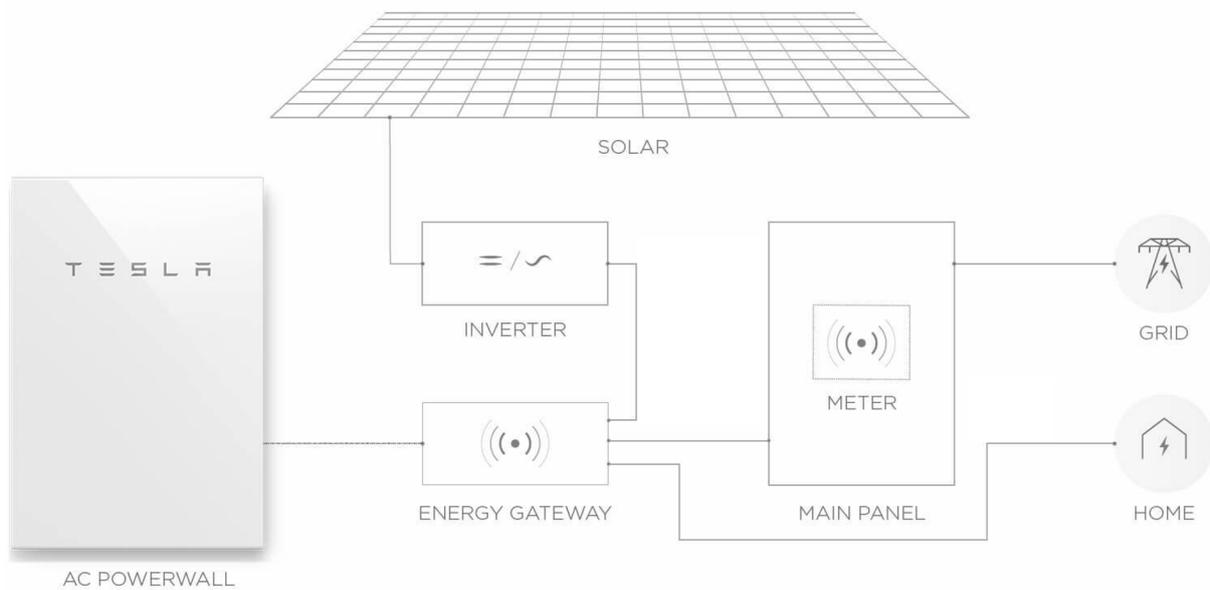


TESLA POWERWALL PRODUCT SPECIFICATION

In 2026, the Tesla Powerwall 3 has fully replaced the Powerwall 2 as Tesla's flagship energy asset in Australia. While the storage capacity remains familiar, the hardware has undergone a radical shift, moving from a standard battery to a high-power "all-in-one" solar and storage solution.

Below is the updated 2026 profile for the Powerwall 3 with the latest Australian specifications and rebate data.



The Core Shift: DC-Coupled & Integrated Inverter

The Powerwall 3 is no longer just a battery; it is a Hybrid Inverter.

- **Integrated Solar Inverter:** It features a built-in solar inverter with 6 MPPTs, allowing you to connect up to 20kW of solar panels directly to the unit.
- **Safer Chemistry:** Tesla has officially moved to Lithium Iron Phosphate (LFP) cells. This chemistry is cobalt-free, physically more robust, and significantly more resistant to thermal issues than the older NMC chemistry.
- **Higher Efficiency:** Because it is DC-co
- **upled,** energy from your panels goes directly into the battery with a 97.5% efficiency rating, losing far less power than the AC-coupled Powerwall 2.

Power & Performance (2026 Specs)

While the usable storage is still 13.5kWh, the "muscle" behind the battery has doubled.

- 10kW Continuous Output: Outside of Western Australia, a single unit can now provide 10kW of continuous power (up from 5kW). This is enough to run a large air conditioner, a dryer, and a kettle simultaneously.
- WA Limitations: In Western Australia, units are still software-limited to 5kW to comply with local Western Power grid regulations.
- Stackability: You can stack up to 4 Powerwall 3 units for a total of 54kWh of storage and up to 40kW of power. For those needing extra storage without the extra inverter cost, Tesla now offers Expansion Units (battery-only blocks) that are roughly \$500 cheaper than the main unit.

Powerwall 3: 2026 Pros & Cons

Pros	Cons
<ul style="list-style-type: none">✔ 2026 Federal Rebate: In early 2026, the Powerwall 3 qualifies for a Federal Battery Rebate of ~\$4,200 (depending on your state and installation date), significantly lowering the entry cost.✔ Flood Resistant: The unit is now IP67 rated and can withstand being submerged in up to 60cm of water, making it much more resilient for outdoor installations in flood-prone areas.✔ Best-in-Class App: The Tesla app remains the gold standard for energy monitoring, featuring Storm Watch (which automatically tops up your battery when a storm is detected) and seamless Tesla EV integration.✔ Off-Grid Update: While previously restricted, the 2026 firmware now supports "Sustainable Off-Grid" mode for long-term backup, though it is still primarily designed for grid-connected homes.	<ul style="list-style-type: none">✘ Fan Noise: To achieve that 10kW output, the Powerwall 3 uses active fan cooling. It can be significantly noisier than the liquid-cooled Powerwall 2 when working hard. Keep it away from bedroom windows.✘ Incompatibility: You cannot mix a Powerwall 3 with a Powerwall 2 on the same site. If you are expanding an existing PW2 system, you must find a remaining PW2 unit (which are increasingly rare).✘ Premium Price: Despite the rebates, the total installed cost (including the required Gateway 3) typically lands between \$13,500 and \$15,500 before incentives.

Warranty & Local Support

Tesla offers one of the strongest "bankability" profiles in the industry.

- 10-Year Warranty: Covers 10 years with unlimited cycles for residential use, guaranteeing the battery will retain at least 70% of its capacity.
- Customer Service: Tesla has vastly improved its Australian support response times in 2025/2026, with a dedicated local energy team and a wide network of "Premium Certified" installers.

Powerwall 2

Powerwall+

Powerwall 3



Energy Capacity	13.5 kWh*	13.5 kWh*	13.5 kWh
On-Grid Power	5 kW continuous	7.6 kW / 5 kW continuous [†]	11.5 kW continuous
Backup Power	7 kW peak 106A LRA motor start Seamless backup transition	9.6 kW / 7 kW continuous [†] 22 kW / 10 kW peak [†] 118A LRA motor start Seamless backup transition	11.5 kW continuous 185 LRA motor start Seamless backup transition
Scalable	Up to 10 units	Up to 4 units	Up to 4 units
Size and Weight	L x W x D 45.3 in x 29.6 in x 5.75 in 251.3 lbs	L x W x D 62.8 in x 29.7 in x 6.3 in 343.9 lbs	L x W x D 43.25 in x 24 in x 7.6 in 287 lbs
Inverter	X	Solar-to-grid efficiency 97.5% 4 solar inputs with Maximum Power Point Trackers	Solar-to-grid efficiency 97.5% 6 solar inputs with Maximum Power Point Trackers
Installation	Floor or wall mounted Indoor or outdoor Up to 10 Powerwalls -4°F to 122°F Water and dust resistance	Integrated inverter and system controller -4°F to 122°F Water and dust resistance	Integrated inverter and system controller -4°F to 122°F Flood and dust resistance [‡]
Warranty	10 years	10 years	10 years