

Transitioning to Powerwall 3

We are excited to bring you Powerwall 3, our fully integrated solar and battery system, designed to accelerate the transition to sustainable energy. To make the transition from Powerwall 2 to Powerwall 3 smooth and transparent, we've put together this short guide for your convenience.

Powerwall 3 Feature Availability

Feature	Feature Explanation	Availability
AC Coupling	Ability to install Powerwall 3 alongside stand-alone solar inverters	At launch
DC Expansion	Additional storage by DC coupling with Power unit	Early 2025
Remote Metering	Ability to meter from a remote location	Early 2025
Compatibility with Powerwall 2	Ability to add Powerwall 3 to existing Powerwall 2 storage system	Not compatible

Frequently Asked Questions (FAQ)

AC Coupling

Is the existing Powerwall 3 hardware capable of AC Coupling?

Yes. Powerwall 3 is capable of AC coupling to existing solar inverters.

What will the PV to PW ratio be?

The PV to PW ratio for AC-coupled solar is 5 kW AC per Powerwall

Can I AC couple Powerwall 3 with microinverters?

Yes. Powerwall 3 can be AC coupled with all major PV inverter architectures (i.e. string, optimizer, microinverter).

Energy Expansion

What is the Energy Expansion?

Energy Expansion units provide an additional 13.5kWh of energy capacity to Powerwall 3 systems. Energy Expansion units are a battery only, with no inverter or site controller. They will be DC-coupled to the Powerwall 3 Power unit via pre-made Energy Expansion wire harnesses. Up to 3 Energy expansion units can be connected to each Powerwall 3. Energy Expansions cannot function without a Powerwall 3.

Compatibility with Powerwall 2

Is Powerwall 3 compatible with Powerwall 2?

Powerwall 3 is not compatible with Powerwall 2.

Remote Metering

Is Neurio meter compatible with Powerwall 3?

Neurio meter is not compatible with Powerwall 3.

When will a remote metering solution become available for Powerwall 3?

A remote metering solution will be available for Powerwall 3 by early 2025, which will enable the following configurations:

- Ability to meter >100A of upstream, non-backed up loads (ex: 200A services)
- Non-backup systems
- Remote metering over Wi-Fi
- More than 3 CT designations

Phase Out Plans

Powerwall 2 will continue to be available for a limited time post Powerwall 3 launch. A last buy opportunity will be announced closer to the phase out period.

What if I need Powerwall 2 for service needs?

Powerwall 2 and Backup Gateway will be available for service and warranty needs. Please reach out to your Account Manager with any questions. Distributors may have stock of Powerwall 2 for a longer period as well.

Generator Integration

Can Powerwall 3 be integrated with a generator?

As with any Powerwall system, ATS and MTS generator systems are compatible with Powerwall 3 systems so long as the following are true:

- The generator system is installed downstream of the Gateway 2 OR the generator system's transfer device is installed parallel to the Gateway 2 (the systems do not interact with each other)
- There is a disconnecting means between the Gateway 2 and the generator system's transfer switch

See the [Powerwall and Third Party Backup application note](#) for more information. Please note that the generator system cannot be metered until Remote Metering is available (early 2025).