

Daily Powerwall Home Battery



The Daily Powerwall is a wall-mounted battery pack intended for residential or commercial use. It is a rechargeable lithium-ion battery pack designed to provide energy storage for solar self-consumption, load shifting, home backup power or any high throughput applications. The battery pack's electrical interface is provided by an isolated bi-directional DC/DC converter intended to provide a constant power DC link for integration with solar grid-tie inverters.

Electrical Specifications

Power, continuous & peak	3.3 kW
Energy*	6.4 kWh
DC Voltage	350V-450V
DC Current	9.5 A
Insulation Coordination	Overvoltage Category III on a 277/480V system
Round Trip Efficiency (Beginning of Life)*	92.5 % (for a 400V-450V DC bus)

*Values provided for 25°C, 2kW charge/discharge power

Environmental Specifications

Operating temperature	-20°C to 50°C
Storage conditions	
<24 hours	-30°C to 60°
<1 month	-20°C to 45°C
<12 months	-20°C to 30°C, initial SOE: 50%
Maximum humidity	<95% condensing
Maximum altitude	3000m
Impact Rating	IK09
Ingress Rating	IP35 & NEMA 3R (Powerwall) IP67 (battery Pod)

Mechanical Specifications

Dimensions	L: 1300 mm W: 860 mm D: 180 mm
Weight	101 kg

