

# 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 home backup power, load shifting, solar self-consumption, 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 DC/AC inverters.

## Electrical Specifications

Power, continuous & peak	3.3 kW
Energy*	6.4 kWh
DC Voltage	350V-450V
DC Current, continuous & peak	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 Humidity: <95% condensing
Storage Conditions:	
<24 hours	-30°C to 60°C, <95% RH
<1 month	-20°C to 45°C, <95% RH
<12 months	-20°C to 30°C, <70% RH non-condensing, SOE: 50% initial
Altitude	3000m
Impact Rating	IK09
Ingress Rating	IP35 & NEMA 3R (full Pack) IP67 (battery Pod)

## Mechanical Specifications

Dimensions	L: 1300 mm
	W: 860 mm
	D: 180 mm
Weight	95 kg

