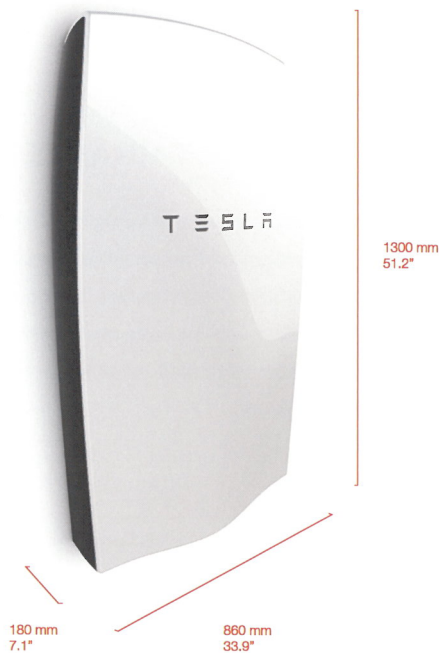


POWERWALL | TESLA HOME BATTERY



A SMARTER GRID

The Powerwall is designed to work in concert with your local grid to provide the smartest energy solution for you and your neighborhood. The Powerwall can respond to signals from the local grid to provide stabilizing services, such as charging when excess wind power is available, or discharging to offset fossil fuel dependent power plants.

BASIC SPECIFICATIONS

Design

Mounting	Wall - Indoor/Outdoor
Enclosure	IP25
Inverter	Not Included
Dimensions	H: 1300mm W: 860mm D:180mm
Weight	100kg
Communications	Modbus CAN
Warranty	10 Years
KfW 275	Compatible

Certifications (planned)

CE Mark
IEC 62619, IEC 62109-1
IEC/EN 61000, Class B Radiated
Battery Directive 2006/66/EC
UN 38.3

Electrical

Chemistry	Lithium-Ion
Nameplate Energy Capacity	7kWh or 10kWh
Compatibility	Single or Three Phase
Depth of discharge	100%
Continuous Charge Power	2kW
Continuous Discharge Power	2kW
Peak Charge Power	3.3kW
Peak Discharge Power	3.3kW
Continuous Charge Amperage	5.8A
Continuous Discharge Amperage	5.8A
Peak Charge Amperage	8.6A
Peak Discharge Amperage	8.6A
Voltage Range	350 - 450VDC
Temperature Control	Liquid Cooling
DC Roundtrip Efficiency	92%*
Operating Temperature Range	-20°C(-4°F) - 43°C(110°F)

*2kW at 25C on 400-450VDC bus