

Powerwall for Light Commercial



1 GWh
Deployed

42

Countries

Scalable System

Easily scalable up to 10 units for 135 kWh of energy and 50 kW of power. This turnkey system can be installed indoors or outdoors and can be configured to support both single-phase and three-phase loads.

Intelligent Software

Equipped with the most advanced autonomous control software to ensure customers maximize economic benefits. Tesla software learns and predicts energy patterns, optimizes battery dispatch to reduce electricity bills, and increases consumption of on-site solar.

No Maintenance

Easy to install and maintenance-free. There is no service overhead during the 10-year warranty of the system.

Applications

Peak Shaving

Discharge at times of peak demand to reduce expensive demand charges.

Emergency Backup

Powers a facility when the grid goes down.

Demand Response

Discharge or charge in response to signals from a demand response administrator.

Load Shifting

Shift energy consumption from one point in time to another.

Ancillary Services

Provide service to the grid in response to signals sent by the grid operator.

Solar Self-Consumption

Charge from solar when possible to increase renewable consumption.

