

Powerwall 3 Specifications

	Powerwall 3 Rating	Δ vs Powerwall 2
Maximum Continuous Power	11.5 kW	+130%
Load Start Capability	185 LRA	+75%
Max. Solar System Size	20 kW DC	+119%*
Nominal Battery Energy	13.5 kWh	0%
MPPTs	6	Requires external solar inverter
AC Metering	Integrated Revenue Grade	Requires external solar inverter
Solar to Grid Efficiency	97.5%	Requires external solar inverter
Solar to Battery to Grid Efficiency	89%	Requires external solar inverter

*PW2 max solar size=7.6kWAC x 1.2 (assumed DC:AC ratio of third-party inverter) =9.12kWDC



Powerwall Specs

Powerwall 2

Powerwall+

Powerwall 3



Energy Capacity

13.5 kWh

On-Grid Power

11.5 kW continuous

Backup Power

11.5 kW continuous

150 LRA motor start

Seamless backup transition

Scalable

System expansion available
anytime

40.5 kWh max addition per
unit

Size and Weight

L x W x D

43.25 in x 24 in x 7.6 in

287 lbs

Inverter

Solar-to-grid efficiency 97.5%

6 solar inputs with Maximum
Power Point Trackers

Installation

Integrated inverter and system
controller

-4°F to 122°F

Flood and dust resistance[‡]

Certification

Meets North American safety
and EMI standards

Warranty

10 years

[‡]Flood resistant to over 2 ft