PRODUCT COMPARISON:

Tesla Powerwall 2 vs Enphase Encharge 10

VS

Tesla Powerwall 2

Enphase Encharge

Backup Power Capabilities

Tesla Powerwall 2	Enphase Encharge
5 kWAC Continuous 7 kWAC Peak (30 seconds) 13.5 kWh Storage Usable 10% Reserved = 12-15 Yr Life Low Chance of Overload Failure First 10 Years = Unlimited Cycles	3.84 kWAC Continuous 5.7 kWAC Peak (10 Seconds) 10 kWh Storage Usable No Reserve Capacity, 10 Year Life High Chance of Overload Failure First 10 Years = 4000 Cycles

Transfer Time & Efficiency

Tesla Powerwall 2	Enphase Encharge
Less than <2 Seconds 90% Round Trip Efficiency	2 seconds or greater 89% Round Trip Efficiency

Coupling Features

Tesla Powerwall 2	Enphase Encharge
AC Coupled Can be paired with Any PV system SolarEdge, SMA, SunPower, etc Built-in Cellular Modem w/ included subscription	AC Coupled Can ONLY be paired with Enphase Micro-inverters No built-in cell modem Subscription fees not included

Max Storage Capacity

Tesla Powerwall 2	Enphase Encharge
Up to 135kWh per site Backup 400A and 600A Homes	Up to 40kWh per site Backup only 200A Homes

Space Constraints

Tesla Powerwall 2	Enphase Encharge
32" Wide x 42" Tall x 6" Deep Stackable (up to 3 units per stack)	42" Wide x 24" Tall x 12" Deep Not Stackable

Residential Market Use %

70%

3%

Tesla Powerwall 2

Most Batteries Deployed

Powerwall's have been in operation since 2015. Field tested and strong fast warranty replacements

Enphase Encharge

Least Batteries Deployed

Released July 2020, first installed unit in September of 2020