

PRODUCT COMPARISON:

SunPower Sunvault vs Enphase Encharge 10



SunPower Sunvault

VS



Enphase Encharge

Backup Power Capabilities

- ✓ Up-To-6.5 kWAC Continuous
- 8.5 kWAC Peak (10 seconds)
- Up-To-26 kWh Storage Usable
- 10% Reserved = 12-15 Yr Life
- Low Chance of Overload Failure
- First 10 Years = 4000 Cycles
- 40A Native Backup Power



- 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
- 20A Backup Capacity per Unit

Transfer Time & Efficiency

- ✓ Less than <2 Seconds
- 89% Round Trip Efficiency



- 2 seconds or greater
- 89% Round Trip Efficiency

Coupling Features

- ✓ AC Coupled
- Can ONLY be paired with SunPower Equinox Systems
- Wifi connection to home wifi required w/ cell fail-over



- AC Coupled
- Can ONLY be paired with Enphase Micro-inverters
- No built-in cell modem
- Subscription fees not included

Max Storage Capacity

- ✓ Up-To 130kWh per site
- Backup 400A Homes with (2) Hub+. ETA 2022.



- Up to 40kWh per site
- Backup only 200A Homes
- Much higher cost to install.

Space Constraints

- ✓ 26" W x 64.5" Tall x 14.8" Deep
- Per Cabinet, Up-To 2x13kWh cabinets per Inverter)



- 42" Wide x 24" Tall x 12" Deep
- Two stacks above one another, total 40kWh per site

Residential Market Use %



SunPower Sunvault

Least Batteries Deployed

SunPower Sunvault launched in the US in December 2020. As one of the newest battery systems on the market, SunPower was able to finely craft a high-performance aesthetically pleasing battery pack that is quickly grabbing national market share.



Enphase Encharge

Least Batteries Deployed

Released July 2020, first installed in September of 2020. Smart load controls are available, but the parts are piece-meal, expensive and difficult to install.