

PRODUCT COMPARISON:

Generac PWRcell vs Enphase Encharge 10



Generac PWRcell

VS



Enphase Encharge

Backup Power Capabilities

✓ Up-To-11 kWAC Continuous
12 kWAC Peak (10 seconds)
Up-To-36 kWh Storage Usable
10% Reserved = 12-15 Yr Life
Low Chance of Overload Failure
First 10 Years = 7.56MWh per 3kW battery



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

✓ Less than <2 Seconds
96% Round Trip Efficiency
Less Losses, More Power, More Savings,



2 seconds or greater
89% Round Trip Efficiency

Coupling Features

✓ DC Coupled
Can ONLY be paired with Generac
Wifi connection to home wifi required 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

✓ Up-To 72kWh per site
Backup 400A Homes with (2) Inverters. Lower Cost to install.



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

Space Constraints

✓ 22" Wide x 68" Tall x 10" Deep Per Cabinet, Up-To 2x18kWh cabinets per Inverter)



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

Residential Market Use %



Generac PWRcell

More Batteries Deployed

Generac PWRcell launched in 2010 as Pika Energy. Under Generac, PWRcell has whole home backup power capabilities and smart home load controls, all of which are less expensive and easy to install.



Enphase Encharge

Least Batteries Deployed

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