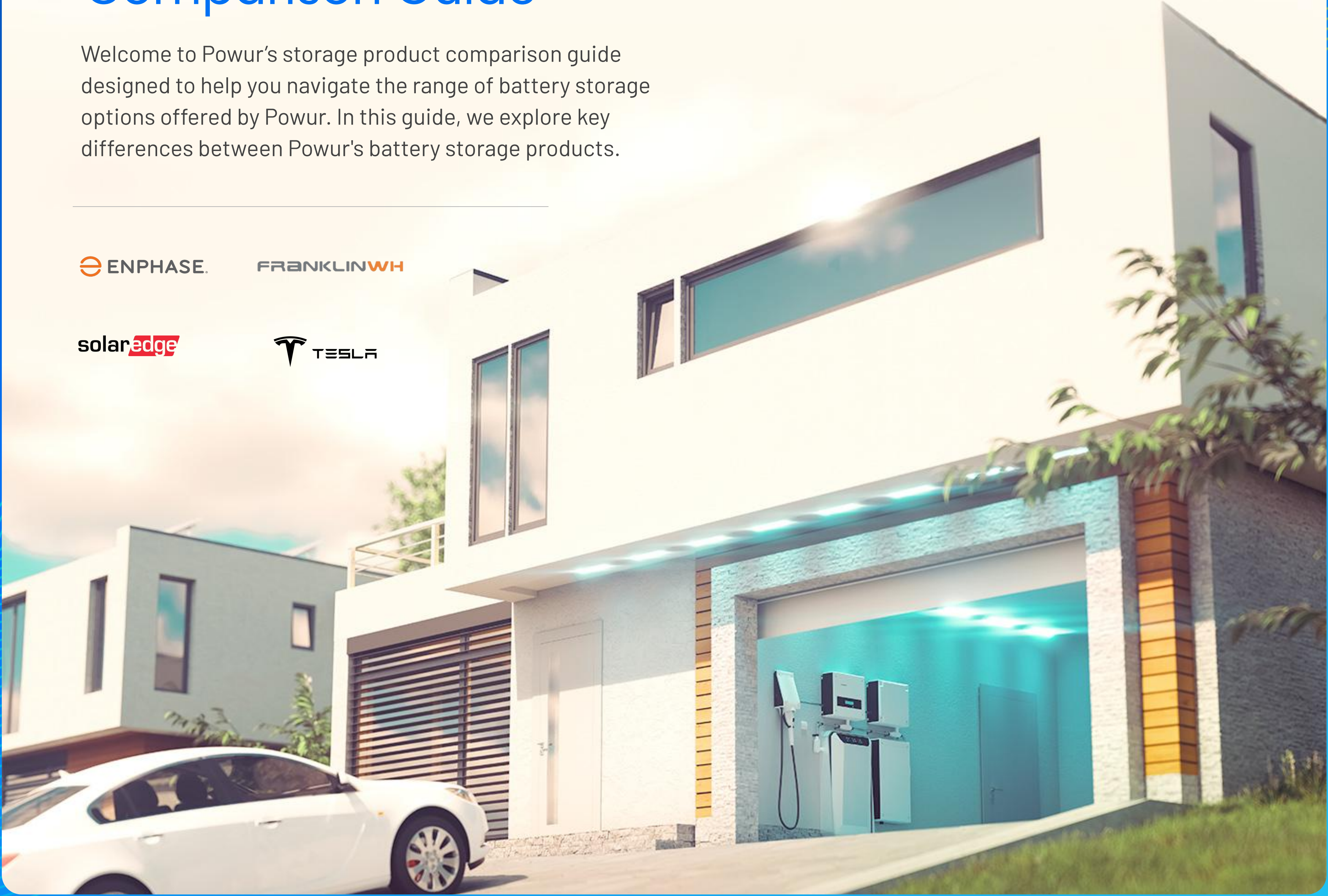






# Powur's Storage Product Comparison Guide

Welcome to Powur's storage product comparison guide designed to help you navigate the range of battery storage options offered by Powur. In this guide, we explore key differences between Powur's battery storage products.





	 ENPHASE.	 FRANKLINWH	 solar <b>edge</b>	 TESLA	
# of Batteries	2	1	1	1	1
Model Number	<a href="#">Enphase IQ Battery</a> (IQBATTERY-5P-1P-NA)	<a href="#">aPower X</a> (APR-05K13V1-US)	<a href="#">SolarEdge Energy Bank</a> (BAT-10K1PS0B-01)	<a href="#">Powerwall 2</a> (3012170-00-X)	<a href="#">Powerwall 3</a> (1707000-xx-y)
kWh Capacity	10.00 kWh	13.60 kWh	9.70 kWh	13.50 kWh	13.50kWh
AC Continuous Output	7.64 kW	5 kW	5 kW	5 kW	11.5kW
AC Peak Output (10 seconds)	12.28 kW	10 kW	7.5 kW	7.2 kW	11.5kW
Surge Power (LRA)				106A	185A
Round Trip Efficiency	90%	85%	94.5%	90%	97.5%
Battery Chemistry	Lithium Iron Phosphate (LFP)	Lithium Iron Phosphate (LFP)	Nickel Manganese Cobalt (NMC)	Nickel Manganese Cobalt (NMC)	Lithium iron phosphate (LFP)
DC Coupled		-	X		DC Coupled Hybrid System
AC Coupled	X	X		X	
Non-Backup Configuration (Powur Saver NEM 3.0 Product) <sup>2</sup>	X		X		
Warranty	15 Year (60%)	12 Year (70%)	10 Year (70%)	10 Year (70%)	10 Years (70%)
Best solution When Add-On to Pre-Existing Solar		X		X	
Most compatible with very large PV systems (more than 4 strings)		X	X	X	X
Can Help Avoid a New Main Panel <sup>1</sup>			X		X <sup>4</sup>
Generator Compatibility	X <sup>3</sup>	X			X <sup>5</sup>
Integrated Smart Breakers to Shed Large Loads and Extend Back Up Time		X			
Self Consumption Mode	X	X	X	X	X
Load Shifting (TOU) Mode	X	X	X	X	X
Backup Standby Mode	X	X	X	X	X
Optional Panel Board for Load Shedding				X	X
Dimensions (single unit)	38.6*21.7*7.4 in	45.3*29.5*11.4 in	31.1*46.4*9.84 in	45.3*29.6*5.75 in	43.25* 24*7.6 in
Weight (single unit)	146.1 lbs	408 lbs	267 lbs	251.3 lbs	287 lbs
Wall Mount	X	X	X	X	X
Floor Mount	X	X	X	X	X
States Available	Nationwide	Nationwide	Nationwide	Nationwide - Except Puerto Rico	Nationwide - Except Puerto Rico
Sunnova Approved		X	X	X	Coming Soon
Everbright Approved	X	X	X		

<sup>1</sup> [Main Service Panel Replacements and Upgrades](#)

<sup>2</sup> [Solar + Storage and NEM 3.0 Products](#)

<sup>3</sup> Must be on Compatible Generator List & Requires IQ System Controller 3G

<sup>4</sup> When paired with Backup Switch

<sup>5</sup> Must be downstream of the Powerwall 3