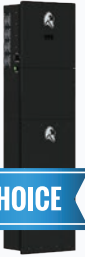








LION ENERGY™

HOME ENERGY STORAGE SYSTEM COMPARISON

Updated 7-18-23

Battery	Lion Sanctuary 12K	Enphase IQ	Generac PwrCell	SolarEdge Home	Tesla Powerwall
	 BEST CHOICE				
Chemistry	LFP	LFP	NMC	NMC	NMC
Inverter Integration	Yes - hybrid	Yes - storage	Yes - hybrid	Yes - hybrid	No, unless you get Powerwall+
Usable Capacity	13.5kWh, 27kWh, 40.5kWh	3.36 kWh, 10.08kWh	9 kWh, 12 kWh, 15kWh, 18 kWh	9.7kWh	13.5kWh
Coupling Method (AC vs DC)	DC	AC	DC	DC	AC
Configuration Flexibility	Stack up to 8 batteries and 3 inverters per system (for a total of 24kW, 108kWh)	2 different capacity, can stack up to 4	4 different capacities, can stack up to 2	Can stack up to 3 per inverter, up to 3 inverters per system	Can stack up to 10
Continuous Power Rating	8kW, 16kW, 24kW	1.28kW, 3.84kW	3.4kW, 4.5kW, 5.6kW, 6.7kW	5kW for one, 10kW for two or more	5.8kW no sun 7.6kW full sun
Max Peak Load	14kW, 27kW, 42kW	1.9kVA, 5.7kVA	4.5, 6.0, 7.5, 9.0kW	7.5kW	10kW no sun 22kW full Sun
Depth of Discharge	100%	100%	84%	100%	100%
Roundtrip Efficiency	94%	89%	90%	94.5%	90%
Warranty Period	10 years (25yrs available)	10 years	10 years	10 years	10 years
End of Warranty Capacity	70%	70%	N/A	70%	70%
Cycle Clause	6,000 cycles to 90%	4,000 cycles	N/A	N/A	N/A

Lion Energy is the market leader and innovator in home energy storage systems. We provide these key benefits to our customers: Safest on the Market, Best Economic Value, Quickest ROI, Best Support, and Best Capacity.