

FranklinWH vs Tesla vs Enphase

System Overview

- The Franklin Home Power (FHP), modular, all-in-one, AC-coupled system is designed to offer a turnkey solution for whole home energy management.
- The heart of FHP is the aGate. It manages and distributes energy from solar, the grid, generators and the aPower battery based on the owner's demands.
- The aPower's robust inverter has a 200% peak output, which allows the homeowners to start heavy loads during an energy outage.
- Tier 1 automotive grade LFP storage cell technology offers longevity as well as safety.
- The FHP has the largest capacity design to support larger loads and true whole-home backup.
- Up to 15 aPower units can be stacked per aGate to offer the ultimate backup solution with the total system capacity at 204kWh for prolonged outages.
- The aGate offers 3 integrated Smart Circuits which can be controlled remotely or set for automatic load shedding by the homeowners. The Smart Circuits provide the ultimate convenience and freedom for load shifting and outage management.
- Targeted engineering avoids main panel upgrades in most scenarios.
- The FranklinWH mobile app provides homeowners monitoring and management for whole home loads.
- FleetView remote troubleshooting helps installers avoid truck rolls.

System Comparison Overview

	FranklinWH	Tesla	Enphase
Continuous Output (kW)	5.0 kW	5.0 kW	3.8 kW
Peak Inverter Output From 1 Battery Unit	10 kW for 10 Seconds	7.5 kW for 10 Seconds	5.8 kW for 10 Seconds
Capacity per Battery Unit	13.6 kWh	13.5 kWh	10.1 kWh
Cell Chemistry	LFP	NMC	LFP
Total Possible System Capacity	204 kWh	135 kWh	40.3 kWh
Stackability (Unit)	15	10	4
Solar PV Max Continuous Output	19.2 kW or 80 A @ 240 V	19.2 kW or 80 A @ 240 V	19.2 kW or 80 A @ 240 V
Max Generator Input	200 A @ 240 V	100 A @ 240 V	80 A @ 240 V
Smart Load Control Capability	✓	✗	Requires Additional Equipment
EV Integration without MPU	✓	✗	✗
Warranty	12 Years	10 Years	10 Years (Extendable to 15 Years)
Warrantied Aggregated Throughput	43 MWh	37 MWh	28 MWh