

Franklin Whole Home Solution



The **Franklin Home Power (FHP)** system provides whole home backup by integrating multiple sources of power generation. It stores solar or grid energy and uses it for time of use (TOU) load shifting and as a backup for outages. The FHP provides real time monitoring and control for a home's day-to-day energy usage.

The two key electrical FHP components are the aGate and aPower.

The FranklinWH **aGate** is an intelligent energy management system, serving as the controller for all home power sources by interconnecting solar, grid, battery, and generators to supply electricity to the home.

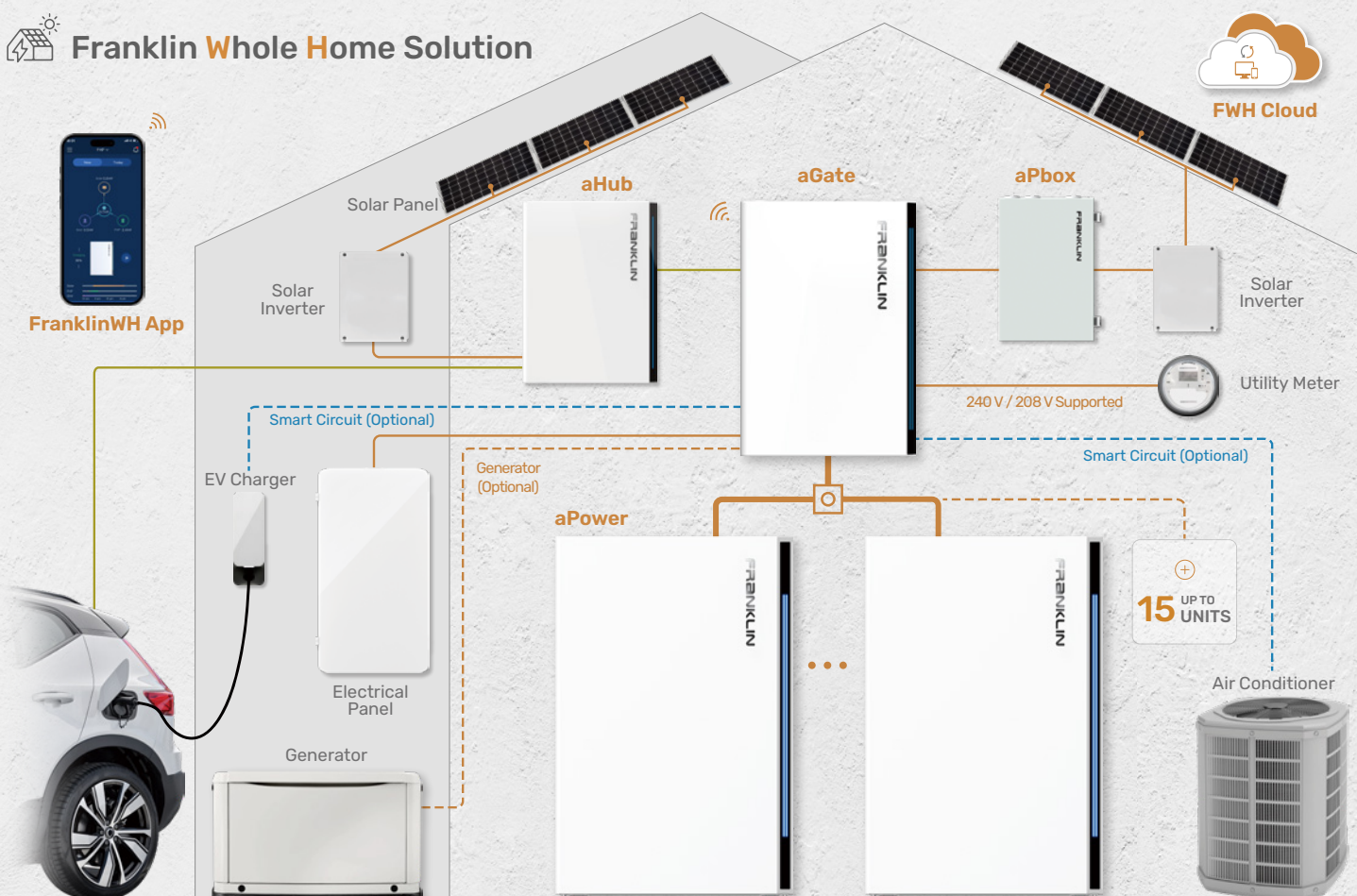
The FranklinWH **aPower** is an AC-coupled battery. Store solar generated power while the sun is shining.

At a glance

- **Easy installation:** All-in-one, simple, modular, with fast commissioning
- **Flexible:** Supports various run-time scenarios including Time of Use (TOU)
- **Hassle-free operations & management:** Remote O&M, reducing truck rolls
- **High performance:** Powerful whole-home solution to satisfy any homeowner

Key takeaways

- Industry-leading battery solution for **240 V** and **208 V** residential
- Redefines easy commissioning, completed within **15 Mins**
- Enhanced PV compatibility, supports **7.6 kW** solar generation with one aPower
- **Natural air-cooled** design to maximize maintenance free reliability



Solution Features

Easy installation

All-in-one design, light-speed commissioning

- Simple and easy commissioning, finished within **15 Mins**
- **Built-in** design for optional Smart Circuits and Generator Modules

Flexible

Eliminate the physical restriction of various installation scenarios

- 208V single-phase residential battery solution for multi-family housing
- Large-scale fire testing under **UL 9540A** to satisfy limited spacing for flexible, safe and clean-looking installation. UL 9540A report accepted in LA City
- PCS approved function & **280A busbar** to avoid Main Panel Upgrades
- Enhanced compatibility with micro and string inverters and standby generators
- Indoor and outdoor / Wall and floor mounted

Hassle-free operations & management

Reliable design and connectivity for simple O&M

- **IP67** aPower design, suitable for outdoor use
- Intelligent thermal management and advanced BMS
- **Remote O&M** via the FranklinWH App and FleetView to solve most issues, reducing truck rolls

High performance

Smart yet powerful Whole Home Power Solution for energy freedom

- Each aGate supports up to **15 aPowers** in parallel, **204 kWh**
- AC Coupled stackable output power to **38.4 kW**
- **12-year warranty**, **43 MWh** throughput guaranteed for NEM 3.0

Success Stories

Case	Challenge	Solution	Customer Benefits
Homeowner in Hawaii	Solar inverter compatibility issue	1 aGate + 1 aPower	Increase solar production utilization.
Homeowner in Florida	Backup power, no more worrying about blackouts	1 aGate + 1 aPower	Off-grid energy freedom. House loads protected. Energy security in extreme weather.

Comfortable off-grid living



Robust to survive hurricanes and floods



Address: 1731 Technology Dr., Suite 530 San Jose, CA 95110 **Telephone:** +1 888-837-2655 **Email:** info@franklinwh.com **Website:** www.franklinwh.com

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