

Franklin Whole Home Solution



Franklin Home Power (FHP) goes well beyond the demand for safe, reliable back-up to optimise daily household energy management, bringing you whole home energy freedom. The core FHP components are the aPower battery, the aGate intelligent controller, and the FranklinWH App.

Key takeaways

Robust

- 12-year warranty

Versatile

- Generator and off-grid compatible, black start supported

Safe

- IP67 rated
- LFP battery

Scalable

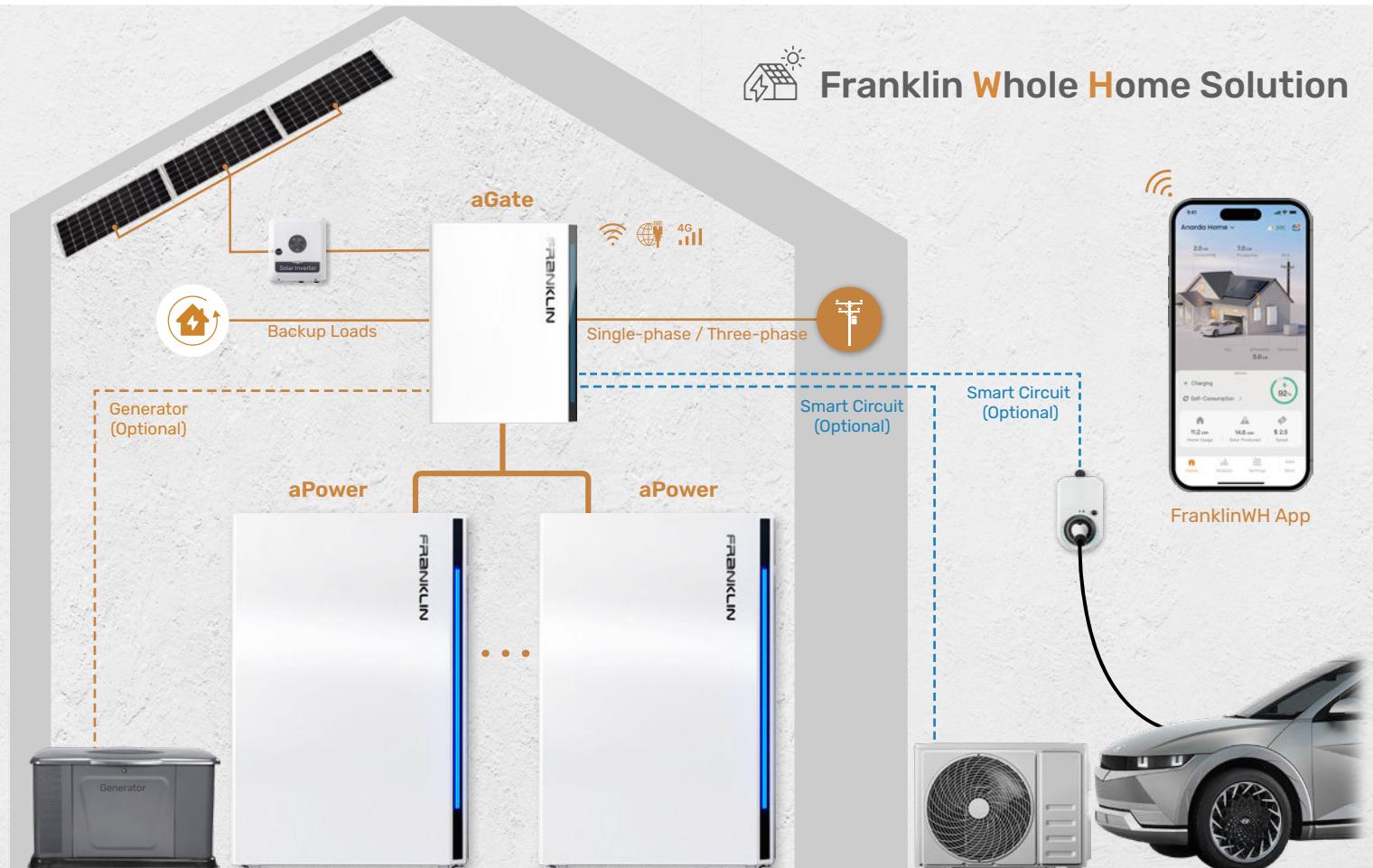
- 13.6 kWh scalable up to 15

Reliable

- UPS-level and multiple ports backup

AC-coupled

- All AC connections, compatible with micro and string inverter



Solution Features

 Easy installation

- **Built-in** design Smart Circuits and Generator Modules
- Self-lifting trolley provided eases transportation and installation
- Fast commissioning: redefines commissioning, completed within **10 Mins**

 Flexible deployment

- **Off-grid** and whole home backup supported
- **AC-coupled**: All AC connections, compatible with micro and string inverter
- **Single / three phase** compatible

 Smart management

- **IP67** aPower design, suitable for outdoor use
- Operating Temperature: **-20°C to 50°C**, suitable for all Australian regions
- **LFP** battery cell offers safer and longer life cycle
- **Storm hedge** function brings you peace of mind during severe weather

- Smart circuits **auto-shed** large loads to extend backup time
- Generator **auto-start/stop** based on battery SOC or time schedule
- **Black start** function auto-enables solar system during grid outages even when battery is fully drained

Success Stories

Case	Challenge	Solution	Customer Benefits
Dairy Farm	Solar power dis-align with peak consumption period, expensive demand charge	12 aPowers	Lower electricity bill, reduced demand charge, essential loads protected.
Homeowner	Backup power, no more worrying about blackout	3 aPowers	Whole home backup. Peace of mind during extreme weather. Off-grid option enabled.

 Suitable for large house and small C & I



 Whole home backup for small house



 Robust to survive extreme weather and bushfire

