FRANKLINWH

aPower

AC-coupled battery

Store solar generated power while the sun is shining. Use the stored energy when needed to lower electric bills. Run heavy loads such as air conditioners and water heaters as usual even during grid outages. Provide homeowner peace of mind by fully charging before severe weather events.



12 Years Warranty

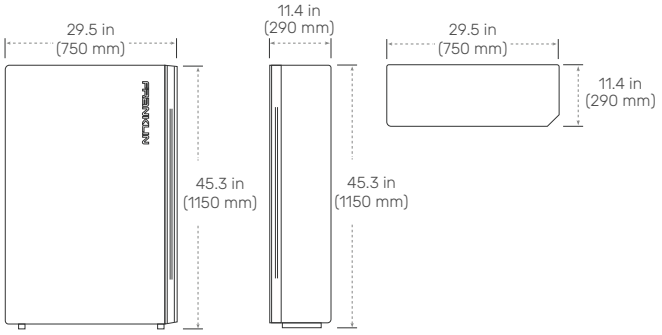
- Safe LFP chemistry
- Built-in inverter
- 13.6 kWh per unit, up to 204 kWh (15 units) per aGate
- 5 kW continuous / 10 kW peak for 10s (discharge)
- Normal operations down to -4°F (-20°C)
- IP67 protection
- Single aPower capable of starting a 4-Ton AC
- First-of-its-kind 208 V compliant battery for multi-family housing

PERFORMANCE SPECIFICATIONS

Model Number	aPower X
Battery Chemistry	Lithium Iron Phosphate (LFP)
Usable System Energy	13.6 kWh per unit, up to 15 units[1] per aGate
Aggregate Throughput	43 MWh
Real Power (charge)	5 kW continuous, 7.6 kW peak for 30 minutes
Real Power (discharge)	5 kW continuous, 10 kW peak for 10 seconds
Load Start Capability	118 A LRA[2]
Nominal AC Voltage	120 / 208 V, 120 / 240 V, 60 Hz
Coupling	AC-coupled
Phase	2 W+N+PE
Round Trip Efficiency	89%[3]
Work Modes	Self-Consumption, Time of Use, Emergency Backup
Noise Emission	< 30 dB (A)[4]
User Interface	FranklinWH App
Warranty	12 years

MECHANICAL SPECIFICATIONS

Dimensions (H × W × D)	45.3 in × 29.5 in × 11.4 in (1150 mm × 750 mm × 290 mm)
Weight	395 lb (179 kg)
Mounting	Wall mount or floor mount
Cooling	Natural air-cooled design



COMPLIANCE INFORMATION

Certifications	UL 9540, UL 9540A, UL 1741, UL 1973, IEEE 1547, IEEE 1547.1, UN 38.3,CAN/CSA C22.2 No. 107.1-16
Seismic	AC 156, OSHPD, IEEE 693-2005 (high)
Environmental	California Proposition 65 RoHS Directive 2011 / EU
Emissions	FCC Part 15 Class B, ICES 003

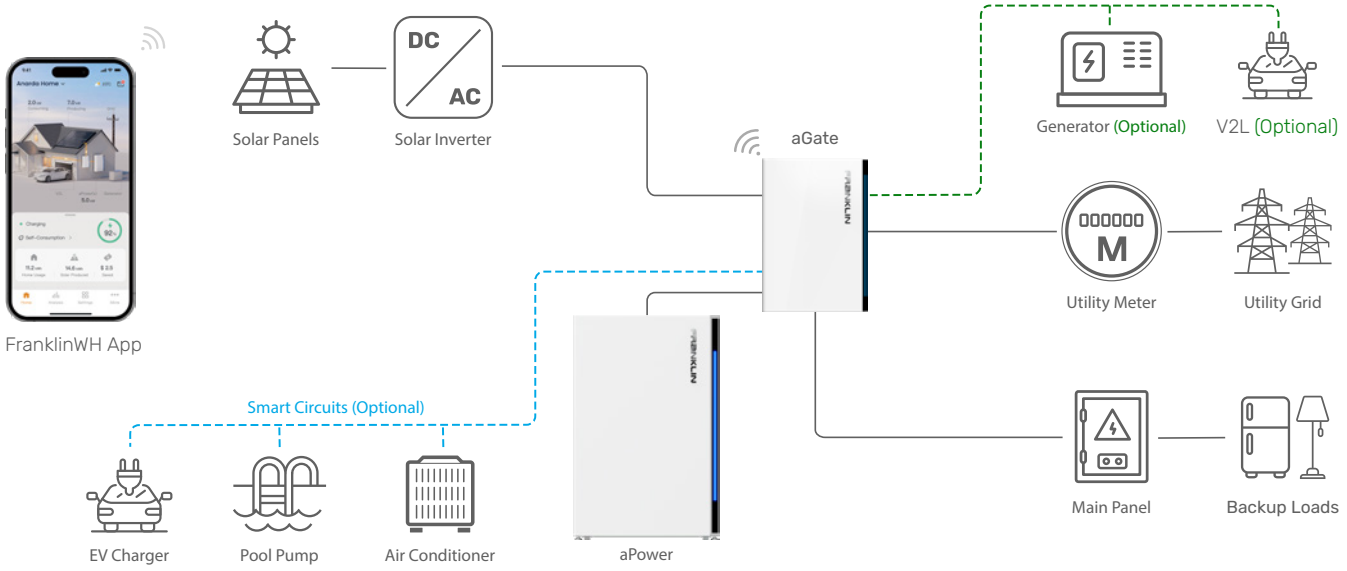
ENVIRONMENTAL SPECIFICATIONS

Ingress Protection	IP67 (Battery and power converter system), IP56 (Wiring compartment)
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Operating Humidity (RH)	Up to 100% RH, condensing
Altitude	Maximum 9,843 ft (3,000 m)
Environment	Indoor and outdoor rated

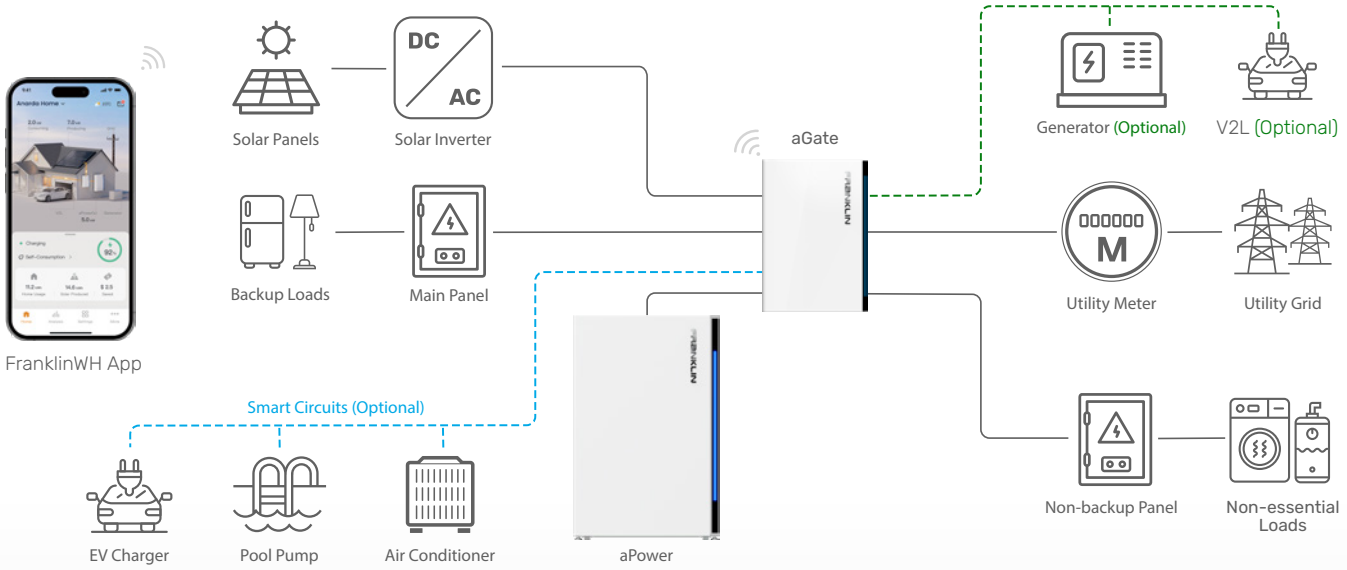
1. For 120 / 208V applications, max. 4 aPowers per aGate can be connected in parallel. Please contact us if you have large capacity requirements.
2. Load start capability may vary.
3. At beginning of life, AC to battery to AC, 50% power rating.
4. 5 kW discharge power, no fan running.

Franklin Home Power Solution

Whole Home Backup



Partial Home Backup



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