



# FRANKLINWH

- 13.6 kwh LFP 100% depth of discharge (Actual 15kwh of storage for black start in multi-day outages)
- Tier 1 Automotive-grade Battery cells (Safer, stronger)
- All-in-One solution includes built in proprietary inverter, works with any solar system
- 5kw continuous / 10kw surge (10 sec) per aPower
- Stackable Power Output up to 20kw/40kw surge per aGate / up to 15 batteries (204kwh)
- 12 year warranty 43mwh throughput total guaranteed



## Smart

Controls use artificial intelligence to secure home comfort



## Powerful

Market-leading capacity with cloud-based system powers your life



## Forward-thinking

Anticipates your future needs today



## Integrated

Safeguards your whole home's energy needs



## BEST QUALITY CELL

We've tested over dozens of different CATL cells to get you the highest quality LFP on the market

## HIGHER CAPACITY

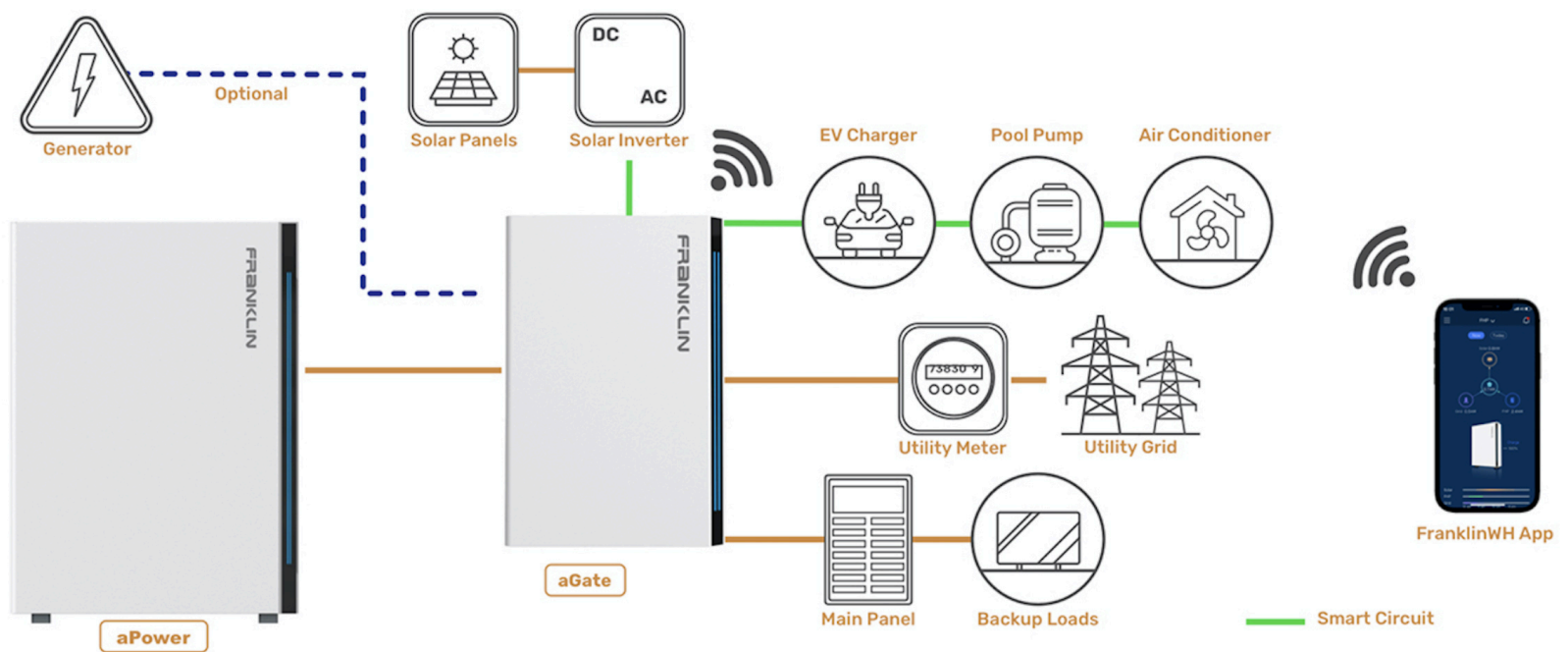
With more power, and easier management than our competitors, get

## 3RD PARTY LAB TESTED

Rigorously tested by the worlds foremost 3rd party researchers, FranklinWH has proven reliable and boasts an industry best 12 year warranty and remarkable service.

## SAY GOODBYE TO LONG WAIT TIMES

FranklinWH knows what long wait times do to both you and your customer's bottom line. FranklinWH state of the art



## SMART(ER) STORAGE

**FranklinWH aGate X has revolutionized the all-in-one system that works with any scenario, even off-grid.**

**-280 amp busbar/200 amp pass through** helps you meet most code requirements, and allows for large capacity add-ons like up to 19kw Solar, 22kw Generator, Bi-Directional Car Charger and up to 15 aPower batteries per aGate (204kwh max).

**-Connect electric vehicle directly to Solar/Storage system**, while still allowing grid use when rates are low. Automatic controls from your smartphone.







**-Reduce compromise** and manage large appliances like Air Conditioning/Heat pumps and Pool Pumps, whilst not sacrificing comfort through our smart circuits

**-Seamlessly transfer** between power sources (PV, Grid, Generator, EV) at 16ms Transfer speed. (No loss of power), and ***built-in revenue-grade consumption/production tracking in real-time.***

**-Avoid Main Panel Upgrades**, get your clients ready for future electrification.

Founded in 2019, FranklinWH has over 300 employees worldwide, with over 60% of the workforce focused on R&D innovation. Backed by multiple investment funds including Sequoia Capital and Oppo +, FranklinWH is used by 5 out of 5 of the Nation's Top Solar installers.

**FRANKLINWH**

System Overview			
	FranklinWH	Tesla	Enphase
Aggregated throughput	43 MWh	37 MWh	28 MWh
Start up 3-ton AC unit with (1) battery?	 *Soft-starter recommended		
Integrated Load Control Circuit	Smart Circuits (standard)	Not standard	Not standard
EV installation without MPU?			
Warranty	12 years	10 years	10 years (upgradable to 15 years)

**Avoid thousands of dollars in electrical upgrades, smart panel control costs, EV wiring costs and more with FranklinWH**

System Overview			
	FranklinWH	Tesla	Enphase
Max Output from (1) battery unit	10 kW for 10s	7.5 kW for 10s	5.8 kW for 10s
Cell chemistry	LFP	NCM	LFP
Total Possible System capacity	204 kWh	135 kWh	40.3 kWh
Max number of battery units	15	10	4
Continuous Output, kW	5.0 kW	5.0 kW	3.8 kW
Peak Output, kW	10.0 kW	7.5 kW	5.8 kW
Peak Output Duration	10 sec	10 sec	10 sec
Output Voltage	240 V	240 V	240 V
kWh per battery	13.6 kWh	13.5 kWh	10.1 kWh
Solar PV, max continuous current	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
Busbar Size	280 Amps	225 Amps	200 Amps

