

Franklin aPower X - 13.6 kWh Battery, Model Number: aPower X



Brand: Franklin

Product Code: aPower X

Availability: 2 - 3 Days

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Price: \$24,870.00

Ex Tax: \$24,870.00

Description

The FranklinWH battery has a roundtrip efficiency of 85 percent; this means that for every 10 kilowatt-hours (kWh) of electricity you put into the battery, you'll receive 8.5 kWh of output. In most cases, homes with an aPower will charge and discharge their battery every day. So, how long do FranklinWH batteries last?

Franklin Home Power pro was founded in 2019 and provides residential energy storage solutions. Based in San Francisco, California, Franklin Home Power's flagship product is the Franklin Home Power System, which is a battery storage system that can provide whole-home backup power during outages. .

Franklin released its residential line of aPower X batteries in 2021. These batteries use a very safe Lithium Iron Phosphate chemistry.

Power Output

Continuous power is a measurement, expressed in kW, of a battery's potential to release a sustained energy for a given period. Peak power is a measurement, expressed in kW, of a potential maximum power output in short bursts.

The **Franklin aPower X** provides 10 kW of peak power and 5kW of continuous power, well within the range of solar industry standards.

Round-Trip Efficiency

The Franklin aPower X has a roundtrip **efficiency rating of 89%**.

In order for a battery to function, a small amount of electric power is required for its operation. The total amount of charge that comes out of a battery subtracted from the amount of charge that went into the battery is expressed as a percentage ('%'). This is called Round-trip Efficiency.

The Franklin Power X has a rating of 89% round-trip efficiency, 9% above average.

The Franklin aPower X Dimensions are 31.5” x 21.7” x 6.3”

Warranty

Franklin backs the aPowerX with a **12 year warranty!**

The Franklin aPower X 13.6 kWh battery has a 12-year warranty. The company estimates that the battery will retain at least 70% of its capacity or 43 MWh of throughput by the end of the warranty. This means that the battery could be completely drained and recharged 3,160 times before the minimum throughput warranty is reached.

Franklin aPower X

Manufacturer	Franklin aPower X
Model	aPower X
Capacity	13.6 kW
Chemistry	Lithium iron phosphate
Depth of Discharge	100%
Round Trip Efficiency	89%
Dimensions	31.5” x 21.7” x 6.3”
Weight	408 lbs.
Warranty	12-year warranty, or Aggregate Throughput

Notes

Notes:

- Great warranty, large capacity, new to the market.
- These FranklinWH batteries are scalable, meaning additional batteries can be added to meet the most demanding power needs.
- These batteries can be used in both off grid or grid back up capacities
- Franklin aPower X -- 13.6 kWh Battery, Model Number: aPower X

Specification

Solar Batteries Configuration	
Dimensions LxWxH	31.5” x 21.7” x 6.3”
Manufacturer	Franklin aPower X
Warranty	12 years
Weight	408 lbs.