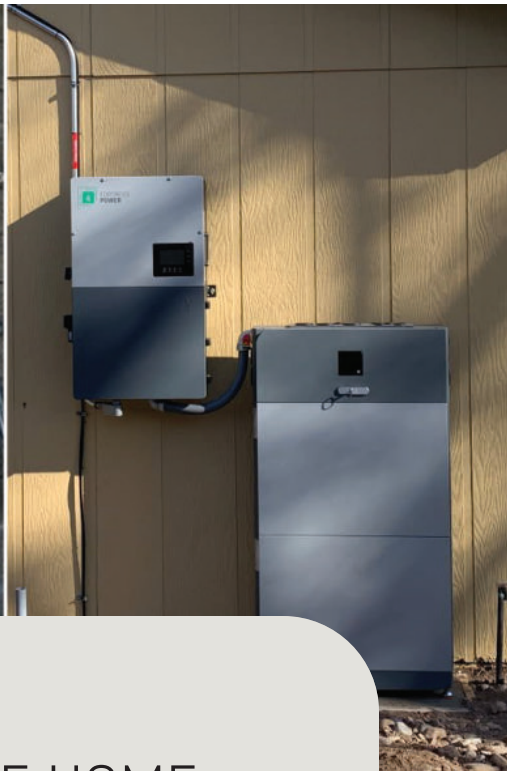




**FORTRESS
POWER**
Secure your energy

eForce

STACKABLE WHOLE-HOME ENERGY STORAGE SYSTEM

OVERVIEW

Energy Freedom, Power for All Conditions

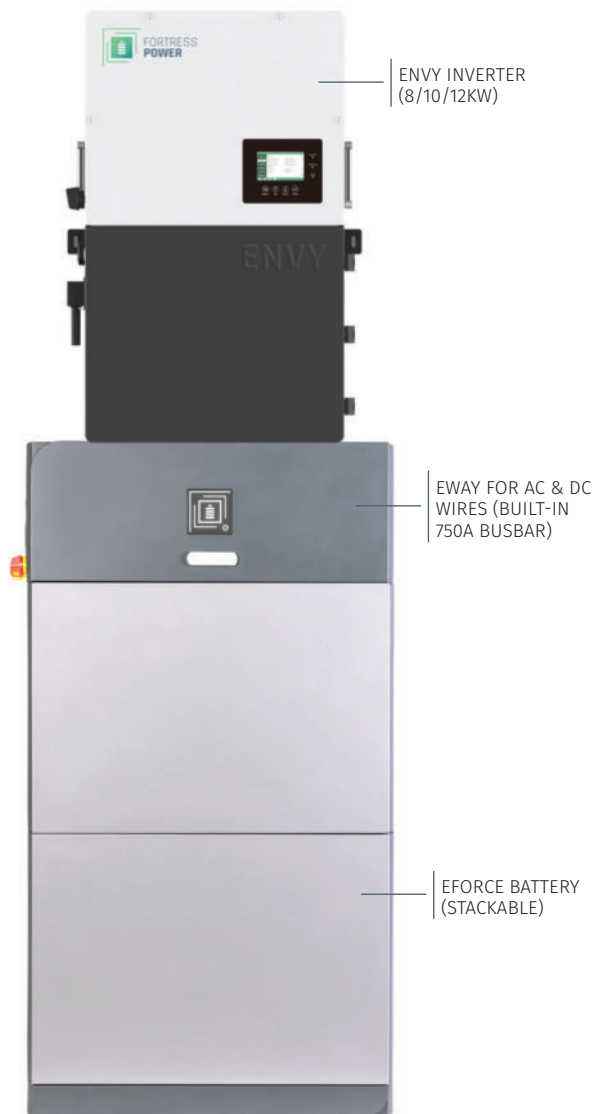
The eForce is a cutting-edge, modular, and stackable battery system. When paired with the Fortress Power Envoy Inverter, it forms a seamless whole-home energy storage solution, providing reliable backup power and energy independence.

Tailored for those seeking advanced and reliable energy storage, while maintaining user-friendly installation and usage in diverse applications.

FEATURES

Seamless, Scalable, and Reliable

-  Seamless integration with the Fortress Power Envoy Inverter for a whole-home energy storage solution.
-  The stackable design enables quick and easy installation with quick plug technology, reducing labor time and costs.
-  With integrated heaters and an IP65 rating, this system is built to withstand diverse weather conditions.
-  The modular design offers effortless scalability, allowing you to expand vertically up to 28.8kWh and 268.8kWh in total as needed.
-  Top tier automotive industry cells provide up to 8000 cycles and the ability to fast charge without cell degradation.
-  The back wall and front LED indicator displays battery percentage, alarm and battery status.



TECHNICAL DATA

Precision-Engineered
Specifications for
Optimal Performance



9.6 kWh



19.2 kWh



28.8 kWh

GENERAL DATA

Weight	269 lbs (122 kg)	487 lbs (221 kg)	705 lbs (320 kg)
Operating Temperature	-4 °F - 140 °F (-20 °C - 60 °C)		
Ingress Protection	Degree IP65		
Communication	RS485/Wi-Fi/CAN		
Dimensions (W*D*H)	30.89 x 9.08 x 33.79 in (784 x 231 x 858 mm)	30.89 x 9.08 x 53.46 in (784 x 231 x 1358 mm)	30.89 x 9.08 x 73.13 in (784 x 231 x 1857 mm)
Warranty	10 years		
Mounting Options	Ground-Mount, Floor Standing, Wall-Hanged (Separate Accessory)		

BATTERY SPECIFICATIONS

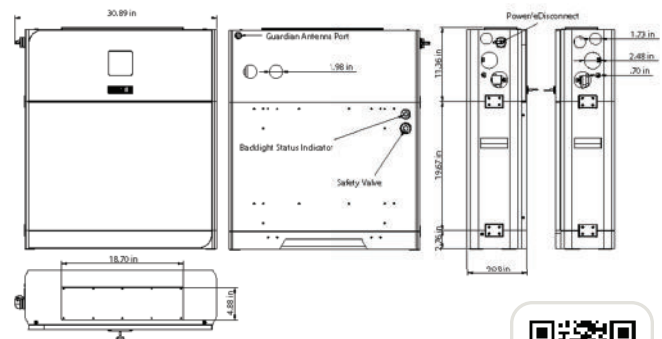
Maximum Units In Parallel	16	8	5
Cell Type	Tier-1 Prismatic 15 Cell LFP		
Nominal Capacity	200Ah	2*200Ah	3*200Ah
Nominal Energy	9.6KWh	19.2KWh	28.8KWh
Nominal Voltage	48V		
Re-charge Voltage	46V		
Cut-off Voltage	42V		
Maximum Short-Circuit (A)	3000A, 5ms		
Operating Voltage Range	39~54V		
Closed-Loop Charge/Discharge (A)	120/160	240/250	250/250
Open Loop Charge/Discharge (A)	100/100	200/200	250/250
Bulk/Absorption Charge(V)	51.5V		
Max Charge/Discharge (A)	195/195	250/250	250/250
Surge Discharge Power W (10s)	14,400		
SGIP-Rated efficiency with Envy Inverter	92%		
Cycle Life @ EOL 70%	8000 Cycles		

STANDARDS & CERTIFICATIONS

Safety Standards	UL1973, ANSI/CAN/UL9540:2023, UL9540A
Listings	CEC, LUMA, oGPE
Transportation	UN38.3



Intertek



VLF025