

**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.



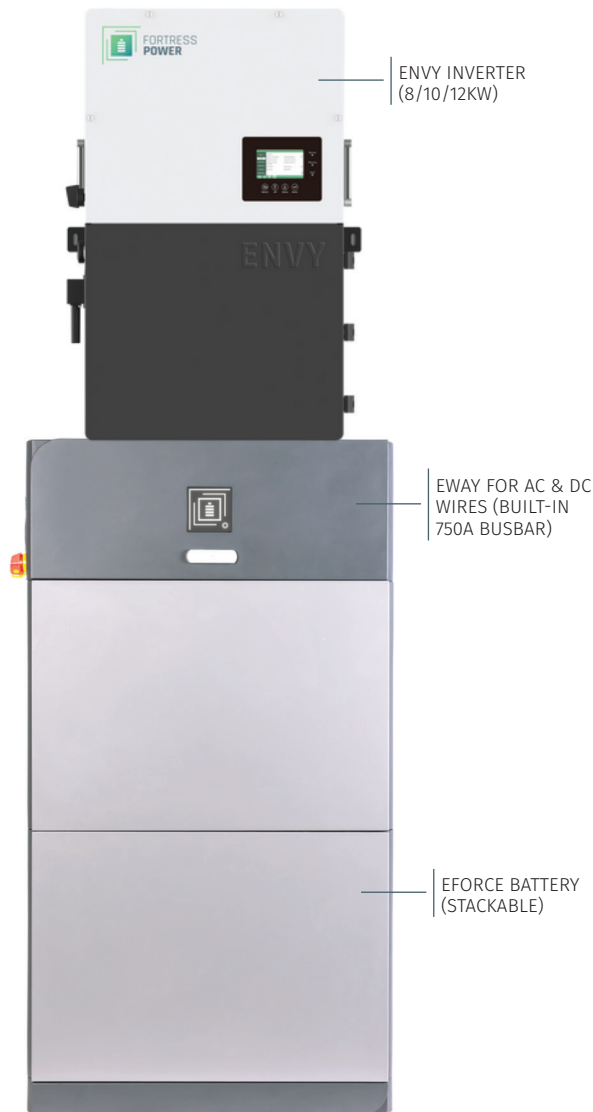
The modular design offers effortless scalability, allowing you to expand vertically up to 28.8kWh and 268.8kWh in total as needed.



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

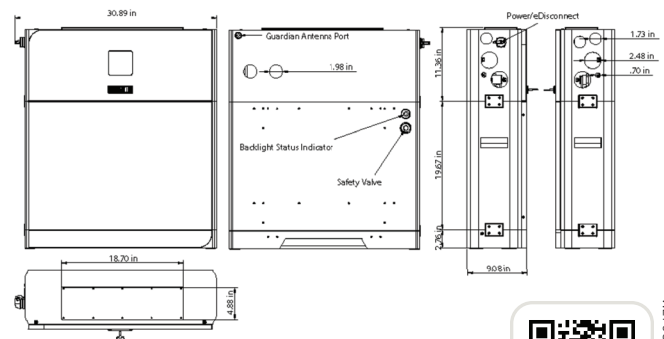
Safety Standards	UL1973, ANSI/CAN/UL9540:2023, UL9640A
Listings	CEC, LUMA, oGPE
Transportation	UN38.3



Intertek



**UN38.3
PASSED**
Transport Safety Certified



VEF0825