



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 Envy 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 Envy Inverter for a whole-home energy storage solution.

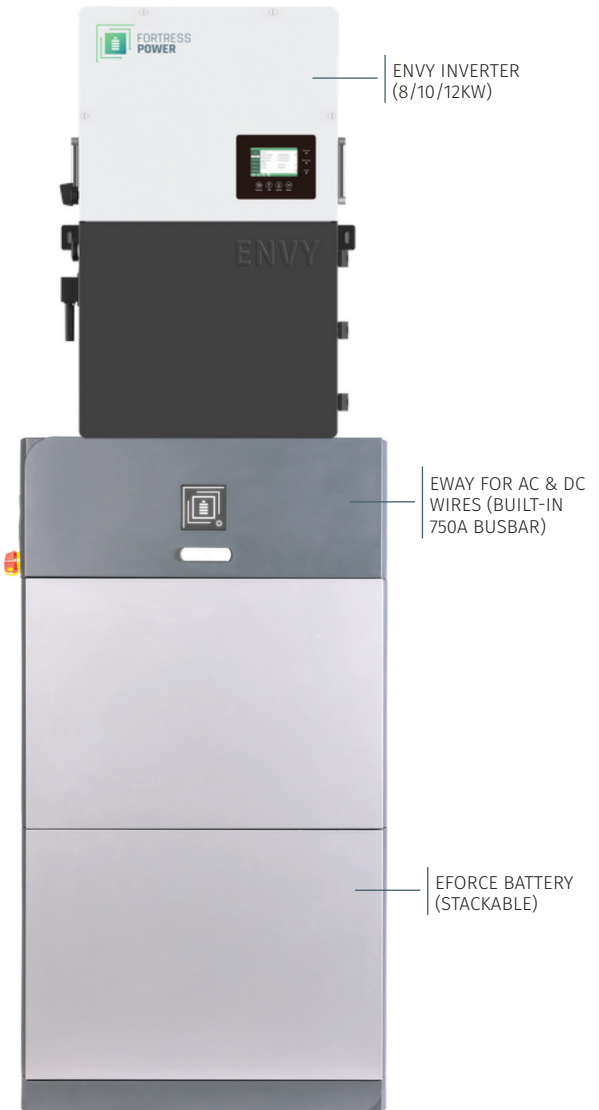
-  The stackable design enables quick and easy installation with quick plug technology, reducing labor time and costs.

-  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 153kWh 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 Protect	Degree IP65		
Communication	RS485/Wi-Fi/CAN		
Dimensions (W*D*H)	24.4x9.4x33.5 in (620x240x-851 mm)	24.4x9.4x53.1 in (620x240x1351 mm)	24.4x9.4x72.9 in (620x240x1851 mm)
Warranty	10 years		
Mounting Options	Ground-Mount, Floor Standing, Wall-Hanged (Separate Accessory)		

BATTERY SPECIFICATIONS

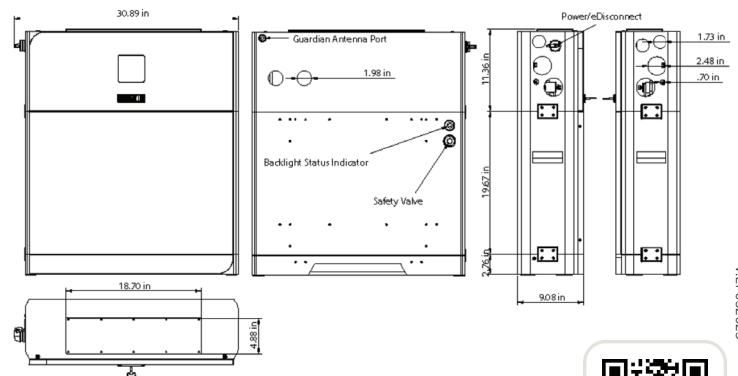
Maximum Units In Parallel	16	8	5
Cell Type	Tier-1 Prismatic 15 Cell LFP		
Nominal Capacity	200Ah	2*200Ah	3*200Ah
Nominal Energy	9.6KWh	19.2KWh	28.8KWh
Nominal Voltage	48V		
Re-charge Voltage	46V		
Cut-off Voltage	42V		
Maximum Short-Circuit (A)	3000A, 5ms		
Operating Voltage Range	39-54V		
Closed-Loop 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		
Cycle Life @ EOL 70%	8000 Cycles		

STANDARDS & CERTIFICATIONS

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



Intertek



VEF032025



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