

eForce

MAXIMIZED POWER, ENHANCED RELIABILITY

19.2 KWH



28.8 KWH



9.6 KWH



ENVY 8KW/10KW/12KW



EASILY ADD YOUR
FORTRESS POWER
ENVY INVERTER FOR
A WHOLE-HOME,
ALL-IN-ONE
INDOOR/OUTDOOR
ESS!

TECHNOLOGY

- Safe Lithium Iron Phosphate Technology (LiFeP04)
- Independent battery module automotive industry based smart BMS
- Advanced cell level monitoring and balancing

SCALABILITY

- Stackable from 9.6 kWh - 28.8kwh
- Scalable up to 153 kWh

FEATURES

- Cableless Battery Paralleling
- OTA cloud & app monitoring and firmware updates
- Active heating for resiliency in cold weather

INSTALLATION

- Indoor/outdoor installation
- Wallmount and/or groundmount capability

Battery Specifications

9.6 kWh

19.2 kWh

28.8 kWh

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	39~54V	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	14,400	14,400
Cycle Life @ EOL 70%	8000 Cycles		

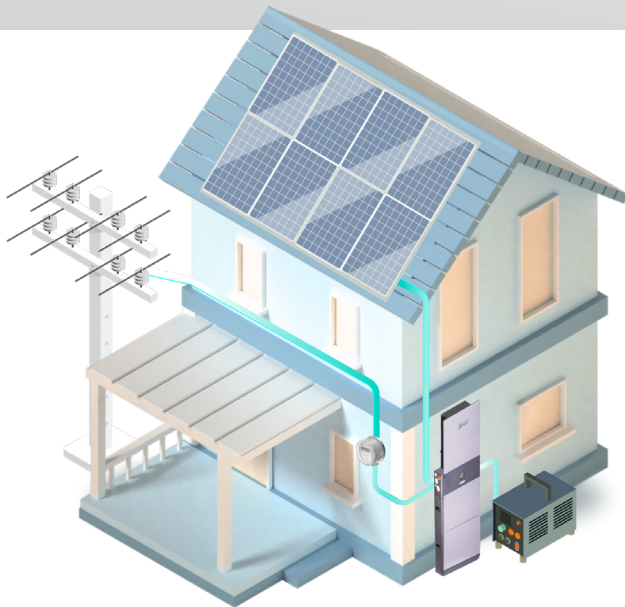
- Topped with the eWay for all AC/DC cable connections.
- Integrated Busbar
- Lockable, Taggable Power/eDisconnect



eWay



eForce 9.6 kWh



General Data

eForce	9.6 kWh	19.2 kWh	28.8 kWh
Weight	269 lbs (122 kg)	487 lbs (221 kg)	705 lbs (320 kg)
Operating Temperature	-4 - 140 °F (-20 - 60 °C)		
Ingress Protect Degree	IP65		
Communication	RS485/Wi-Fi/CAN		
Dimension (W*D*H)	24.4x9.4x33.5 in (620x240x851mm)	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)		

Standard & Certification

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



eforce_0310 25

