

# 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 vertical	19.2 kWh horizontal	28.8 kWh vertical	28.8 kWh horizontal
Maximum Units In Parallel	16	8/16		5/16	
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	240/320	250/250	360/480
Open Loop Charge/Discharge (A)	100/100	200/200	200/200	250/250	300/300
Bulk/Absorption Charge(V)	52.5V				
Max Charge/Discharge (A)	195/195	250/250	390/390	250/250	585/585
Surge Discharge Power W (10s)	14,400	14,400	28,800	14,400	43,200
Cycle Life @ EOL 70%	8000 Cycles				

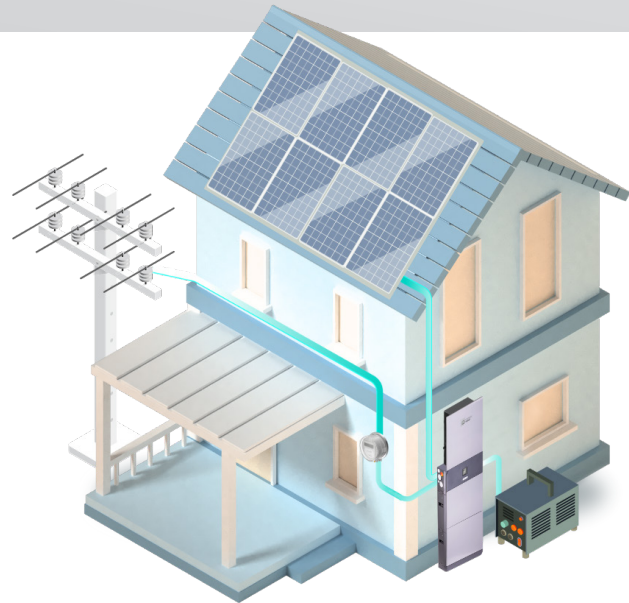
- Topped with the eWay for all AC/DC cable connections.
- Integrated Busbar
- Lockable, Taggable Power/eDisconnect



eWay



eForce 9.6 kWh



## General Data

eForce	9.6 kWh	19.2 kWh	28.8 kWh
Weight	249 lbs (112.9 kg)	465 lbs (210.9 kg)	681 lbs (308.9 kg)
Ambient Temperature Range	-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 (620x240x1351mm)	24.4x9.4x72.9 in (620x240x1851mm)
Warranty	10 years		
Mounting Options	Ground-Mount, Floor Standing, Wall-Hanged(Separate Accessory)		

## Standard & Certification

### eForce/ENVY

Safety Standard	UL1741, UL1973
EMC	IEEE1547, FCC, SDOC
Grid Standards	IEEE1547
Transportation	UN38.3



eForce\_073124

