

# FORTRESS POWER

*eVault Max 18.5* Lithium Battery Storage



## KEEP YOUR HOME & BUSINESS SAFE AND CONNECTED WITH FORTRESS POWER



### LATEST TECHNOLOGY

We Use Long Lasting and Safe Tier 1 Lithium Iron Phosphate technology



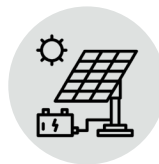
### LARGEST CAPACITY

Full Home Back Up with the Largest Battery that is Scalable Up to 370kWh



### MAXIMIZE INVESTMENT

Reduce Electric Bill and Maximize Your Solar Investment with Battery Storage



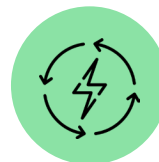
### GRID INDEPENDENCE

Achieve Grid Independence during Power Outages



### 10 YEAR WARRANTY

With Unlimited Partial Cycles

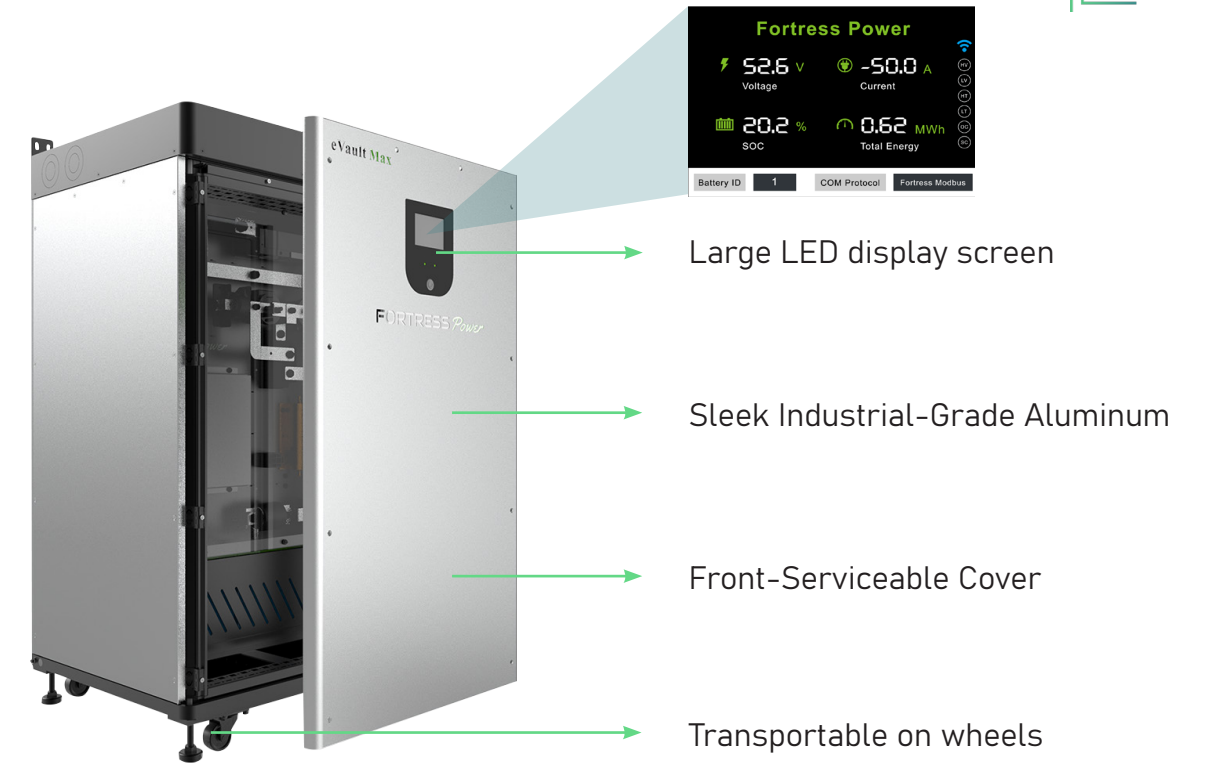


### 98% ROUND TRIP EFFICIENCY

Maximize Your Solar Energy Output

### WORLD'S LARGEST BATTERY FOR HOMES!

Our technology is capable of connecting 20 units in parallel to achieve 370kWh. These batteries connected in parallel can communicate with each other for voltage monitoring and balancing.



Large LED display screen

Sleek Industrial-Grade Aluminum

Front-Serviceable Cover

Transportable on wheels



Did you know that your solar system **STOPS WORKING** when the grid goes down?

With **Fortress Power**, you can use your solar power all day and night – even during grid outages!

- Provide power during grid outages
- Lower your electrical bill by avoiding having to buy electricity at peak times
- Enjoy a generous tax credit when incorporating with solar (US Only)
- Increase your independence from the utility grid

### FORTRESS POWER MISSION

Our mission is to provide compact, user-friendly and affordable lithium energy storage solutions using the latest technology for all homes and businesses. Fortress Power's smart and innovative energy storage units can be easily integrated with new and existing PV systems. They work by storing clean energy for when you need it most – it's that simple.

Our responsive technical support team is available for any questions or concerns at [techsupport@fortresspower.com](mailto:techsupport@fortresspower.com)

## HOW FORTRESS POWER COMPARES TO ALTERNATIVE POWER BACK-UP SOLUTIONS

	Fortress Power Solution	Other Lithium Ion Solution	Lead Acid	Generator
Applications	Backup power, time of use, self-use, & off-grid	Backup power, time of use, self-use, & off-grid	Backup power	Backup power
Depth of Discharge	100%	100%	50%	N/A
Potential Harm	Safest Technology	Potential fires and thermal runaway	Risk of harmful gases	Environmental pollution
Life Cycles	8,000 +	Up to 3,000	500 - 1,000	N/A
Warranty	10 years	10 years	2 years	2 years
Fuel Cost	\$0	\$0	\$0	\$50 - 100/day
Maintenance	No	No	Yes	Yes

### TECHNICAL SPECIFICATIONS EVALT MAX 18.5 KWH

Total Energy [kWh]	18.5
Capacity [Ah]	360
Nominal Voltage [V]	51.2 (48)
Voltage Range [V]	46 - 56
Recommended Charge Current [A]	150 (7.6 kW)
Max. Charge Current (Continuous) [A]	180 (9.2 kW)
Max. Discharge Current (Continuous) [A]	230 (12 kW 30 min)
Max. Pulse Current (for 10 sec) [A]	250 (12.8 kW 5 sec)
Charge Temperature [F]	32°F ~ 120°F (0°C ~ 49°C)
Discharge Temperature [F]	-4°F ~ 140°F (-20°C ~ 60°C)
Recommended Storage Temperature [F]	6 months: 14°F ~ 77°F (-10°C ~ 25°C) 3 months: -4°F ~ 113°F (-20°C ~ 45°C)
Dimension [WxDxH, inch]	20.3" x 20.3" x 42.2" (515 x 515 x 1073 mm)
Weight [lbs]	520
Enclosure Protection Rating	IP55
Mounting Options	Floor standing
Certificates	UL 1642, UL 1973, UL 9540, CEC, SGIP
Warranty	10 years
Life Cycle	8,000 Cycles (@ 80% DoD)
Depth of Discharge (DOD)	up to 100%
Scalability	Maximum 20 in Parallel (370 kWh)
Communication	CAN/RS485
High Current Circuit Breaker	250A
Efficiency	> 98%

### ABOUT FORTRESS POWER

Fortress Power proudly services homes, businesses, utilities, telecom and transportation companies worldwide. Our Pennsylvania-based team's passion for clean energy storage has earned us a place among the world's top energy storage battery manufacturers.

Our logistics centers located across the country offer easy distribution to all of our major markets. Fortress Power's high-performance solar lithium battery storage products are designed, engineered and inventoried along with live technical support in the United States.

Fortress Power has partnered with industry leading lending institutions to help make your solar investment as easy as possible. Please visit our website for purchasing and financing options.

SCAN ME



**INTERESTED IN  
BECOMING AN  
AUTHORIZED  
DEALER?**

Join us to bring the latest energy storage products to millions of homes and businesses across the world.

Compatible with  
Most Inverters on  
the Market

Schneider Sol-Ark Midnite Solar OutBack Power SMA Morningstar Phocos Victron Energy Growatt



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