

# FORTRESS POWER

*eVault 18.5* Lithium Battery Storage



### Latest Technology

We use the safest, environmentally friendly Lithium Iron Phosphate technology



### Maximize Investment

Maximize Your Solar Investment with Battery Storage



### Grid Independence

Achieve Grid Independence during Power Outages



### Save Money

Reduce Your Electric Bill

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*Keep Your Family & Business Safe and Connected with Fortress Power*

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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 26% investment tax credit when incorporating with solar
- 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

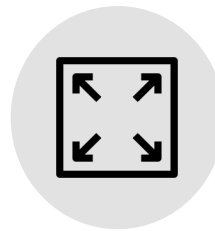


*"Fortress Energy Storage keeps my family safe & provides us with reliable outage protection!"*  
-Dean (homeowner)

## Fortress eVault 18.5 kWh Lithium Battery

### WORLD'S LARGEST BATTERY FOR HOMES!

Our technology is capable of connecting 12 units in parallel to achieve 222kWh! These batteries connected in parallel can communicate with each other for voltage monitoring and balancing.



#### CAPACITY

capable of connecting 12 units in parallel to achieve 222kWh!

#### EASY INSTALLATION

responsive tech support for design and installation questions



#### SCALABILITY

perfect for both residential & business solar storage!

#### SAFETY

environmentally friendly lithium iron phosphate technology

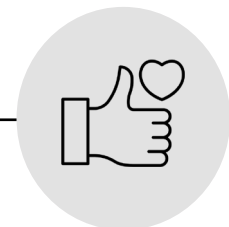


#### LOCAL MONITORING

LCD screen displays voltage, current, state of charge, & power output.

#### AESTHETICS

beautifully designed on wheels with a large LCD screen display



# 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	Up to 6,000	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

\*US territory & Canada

## TECHNICAL SPECIFICATIONS EVALT 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]	100
Max. Charge Current (Continuous) [A]	170
Max. Discharge Current (Continuous) [A]	180
Max. Pulse Current (for 10 sec) [A]	200
Charge Temperature [F]	32 to 113
Discharge Temperature [F]	32 to 113
Recommended Storage Temperature [F]	50 to 95
Dimension [WxDxH, inch]	19.2 x 21.3 x 38.8
Weight [lbs]	476
Enclosure Protection Rating	IP21
Mounting Options	Floor standing
Certificates	Conforms to UL 1642
Warranty	*5/10 years
Scalability	Maximum 12 in Parallel (222 kWh)
Communication	CAN/RS485
High Current Circuit Breaker	250A
Efficiency	> 98%

\*5 year warranty applies to installs outside of the US & Canada.

## 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 in California, Florida and Pennsylvania 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.

**INTERESTED  
IN BECOMING  
A CERTIFIED  
INSTALLER?**



Join us to bring the latest energy storages tomillions of homes and businesses across the world.



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