



Do 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!

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

Latest Technology

We use the safest, environmentally friendly Lithium Ion Phosphate technology

All-in-one Solution

Smart energy management system supports multiple applications

Lowest Cost per Cycle

Competitively priced and easy to install with high round-trip efficiency

Long Lasting

10 year warranty; up to 6,000 cycles



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

Adding Fortress Power Energy Storage to your solar PV system enables you to maximize the use of your clean solar energy by storing excess solar for use at night.

- Provide power during grid outages
- Lower your electrical bill by avoiding having to buy electricity at peak times
- Enjoy a 30% investment tax credit when incorporating with solar
- Increase your independence from the utility grid



How Fortress Power is better than alternative power back-up solutions

	Fortress Power Solution	Other Lithium Ion Solutions	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 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	6 months	2 years
Fuel Cost	\$0	\$0	\$0	\$ 100 ~ 240/day
Maintenance	No	No	Every 6 months	Yes

*10-year warranty for Fortress Power Battery; 5-year warranty for

Technical Specifications

Darfon inverter AC output	5kW
Surge power at backup	5.5/6.5/7.5 kW (40/5/1 second)
Transfer Switch	48 amps auto-transfer relay
AC Grid Voltage	120/240 volts
AC Output	21 amps
Battery Input Voltage	40-58.4 volts
Battery Life Cycles	Up to 6,000
Battery Capacity	10, 15, 20 or 30 kWh
PV Array	Max 6.5 KW
Certificate	UL recognized component*

*Inverter: UL 1741 SA IEEE 1547, FCC Class B; Battery cell: UL 1642,

More Products for Your Grid Independence

- FortressGo portable energy storage units
- FortressLIT Stand-alone solar LED lamps

Visit our website to learn more at
www.FortressPower.com