





High Performance

Large power capacity, with a fast charging and continuous discharge power, creating an 98% round-trip conversion.



Consistent Reliability

The advanced Lithium Ferro Phosphate (LFP) technology operates a wider temperature range to provide the most dependable performance.



Superior Safety

Manufactured at the highest standards. LFP is proven to be one of the safest Lithium technologies in the industry.



Easy to Install

Our compact design saves space and can be conveniently installed.

Our High-Performance Fortress Lithium Battery is easy to install, safe, and consistently reliable. It provides the lowest lifetime energy cost for both new solar customers and retrofit customers.

Fortress Lithium Battery has the industry's most advanced technology with a Battery Management System that integrates multilevel safety concepts:

- Overcharge and Deep Discharge Protection
- Voltage and Temperature Observation
- Cell Monitoring and Balancing
- Built-in accessible 150 Amp DC breaker On/Off switch

Fortress Lithium Battery is Easy to Integrate with Solar or Operate Independently to Provide Your Home Power Day or Night:

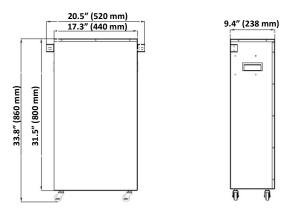
- Keep your solar system operating during a power outage
- Use energy stored during daytime for powering your home at night
- Lower your electric bill by avoiding the need to buy electricity at peak times
- Curtail demand charge for your business
- No maintenance and operation costs
- 30% investment tax credit available when used with solar

Technical Specifications

Total Energy [kWh] Total Energy [kWh] Capacity [Ah] Nominal Voltage [V] Voltage Range [V] Max. Charge Current (Continuous) [A] Max. Discharge Current (Continuous) [A] Max. Puls Current for 5Sec [A] Charge temperature [F/°C] Discharge temperature [F/°C] Recommend Storage temperature [F/°C] Dimension [WxDxH, inch/mm] Weight [lbs/kg] Enclosure Protection Rating Mounting options LFP-10 10.24 200 10.24 200 51.2 (48) 80 80 100 80 100 100 120 130 140 150 160 170 170 170 170 170 170 17	·	
Capacity [Ah] Nominal Voltage [V] Voltage Range [V] Max. Charge Current (Continuous) [A] Max. Discharge Current (Continuous) [A] Max. Puls Current for 5Sec [A] Charge temperature [F/°C] Discharge temperature [F/°C] Recommend Storage temperature [F/°C] Dimension [WxDxH, inch/mm] Weight [lbs/kg] Enclosure Protection Rating		LFP-10
Nominal Voltage [V] Voltage Range [V] 44-58.4 Max. Charge Current (Continuous) [A] Max. Discharge Current (Continuous) [A] Max. Puls Current for 5Sec [A] Charge temperature [F/°C] Discharge temperature [F/°C] Recommend Storage temperature [F/°C] Dimension [WxDxH, inch/mm] Weight [lbs/kg] Enclosure Protection Rating 151.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48) 51.2 (48)	Total Energy [kWh]	10.24
Voltage Range [V] Max. Charge Current (Continuous) [A] Max. Discharge Current (Continuous) [A] Max. Puls Current for 5Sec [A] Charge temperature [F/°C] Discharge temperature [F/°C] Recommend Storage temperature [F/°C] Dimension [WxDxH, inch/mm] Weight [lbs/kg] Enclosure Protection Rating 44-58.4 80 400 100 100 32 F to 113 F (0 °C to 55 °C) 32 F to 113 F (0 °C to 55 °C) 41 F to 113 F (5 °C to 55 °C) 17.3x9.4x33.8 (440 mm x 238 mm x 860 mm) 210 (95 kg) Enclosure Protection Rating	Capacity [Ah]	200
Max. Charge Current (Continuous) [A] Max. Discharge Current (Continuous) [A] Max. Puls Current for 5Sec [A] Charge temperature [F/°C] Discharge temperature [F/°C] Recommend Storage temperature [F/°C] Dimension [WxDxH, inch/mm] Weight [lbs/kg] Enclosure Protection Rating 100 100 100 100 1100 120 120 1	Nominal Voltage [V]	51.2 (48)
Max. Discharge Current (Continuous) [A] Max. Puls Current for 5Sec [A] Charge temperature [F/°C] Discharge temperature [F/°C] Recommend Storage temperature [F/°C] Dimension [WxDxH, inch/mm] Weight [lbs/kg] Enclosure Protection Rating 100 180 180 32 F to 113 F (0 °C to 55 °C) 32 F to 140 F (0 °C to 65 °C) 41 F to 113 F (5 °C to 55 °C) 17.3x9.4x33.8 (440 mm x 238 mm x 860 mm) 210 (95 kg) IP32 (indoor unit)	Voltage Range [V]	44-58.4
Max. Puls Current for 5Sec [A] Charge temperature [F/°C] Discharge temperature [F/°C] Recommend Storage temperature [F/°C] Dimension [WxDxH, inch/mm] Weight [lbs/kg] Enclosure Protection Rating 180 32 F to 113 F (0 °C to 55 °C) 32 F to 140 F (0 °C to 65 °C) 41 F to 113 F (5 °C to 55 °C) 17.3x9.4x33.8 (440 mm x 238 mm x 860 mm) 210 (95 kg) IP32 (indoor unit)	Max. Charge Current (Continuous) [A]	80
Charge temperature [F/°C] 32 F to 113 F (0 °C to 55°C) Discharge temperature [F/°C] 32 F to 140 F (0 °C to 65°C) Recommend Storage temperature [F/°C] 41 F to 113 F (5°C to 55°C) Dimension [WxDxH, inch/mm] 17.3x9.4x33.8 (440 mm x 238 mm x 860 mm) Weight [lbs/kg] 210 (95 kg) Enclosure Protection Rating IP32 (indoor unit)	Max. Discharge Current (Continuous) [A]	100
Discharge temperature [F/°C] Recommend Storage temperature [F/°C] Dimension [WxDxH, inch/mm] Weight [lbs/kg] Enclosure Protection Rating 32 F to 140 F (0 °C to 65°C) 41 F to 113 F (5°C to 55°C) 17.3x9.4x33.8 (440 mm x 238 mm x 860 mm) 210 (95 kg) IP32 (indoor unit)	Max. Puls Current for 5Sec [A]	180
Recommend Storage temperature [F/°C] Dimension [WxDxH, inch/mm] Weight [lbs/kg] Enclosure Protection Rating 41 F to 113 F (5°C to 55°C) 17.3x9.4x33.8 (440 mm x 238 mm x 860 mm) 210 (95 kg) IP32 (indoor unit)	Charge temperature [F/°C]	32 F to 113 F (0 °C to 55°C)
Dimension [WxDxH, inch/mm] 17.3x9.4x33.8 (440 mm x 238 mm x 860 mm) Weight [lbs/kg] 210 (95 kg) Enclosure Protection Rating IP32 (indoor unit)	Discharge temperature [F/°C]	32 F to 140 F (0 °C to 65°C)
Weight [lbs/kg] 210 (95 kg) Enclosure Protection Rating IP32 (indoor unit)	Recommend Storage temperature [F/°C]	41 F to 113 F (5°C to 55°C)
Enclosure Protection Rating IP32 (indoor unit)	Dimension [WxDxH, inch/mm]	17.3x9.4x33.8 (440 mm x 238 mm x 860 mm)
. , ,	Weight [lbs/kg]	210 (95 kg)
Mounting options Floor standing	Enclosure Protection Rating	IP32 (indoor unit)
	Mounting options	Floor standing
Certificates UL 1642, CE	Certificates	UL 1642, CE
Warranty *5/10 years	Warranty	*5/10 years
Life Cycle 6000 @ 80% DoD	Life Cycle	6000 @ 80% DoD
Battery Breaker 150 A	Battery Breaker	150 A
Efficiency >98%	Efficiency	>98%
Scalability Maximum 2 in parallel	Scalability	Maximum 2 in parallel

^{*5-}year warranty applies outside of the US & Canada

Dimension (mm/Inch):



To learn more about Fortress Power visit FortressPower.com

Your Local Dealer:

Phone: 877-49POWER; 877-497 6937