



Solar Lithium Iron Phosphate (LiFePO4) Solution

Why Choose EverExceed LiFePO4?

EverExceed solar LiFePO4 battery system is mainly used for the energy storage of Photovoltaic system; its advanced battery management technology ensures the intelligent automatic management. With "Energy transfer" balanced patented technology, EverExceed LFP provides highly efficient balance and prolongs the system operational life.

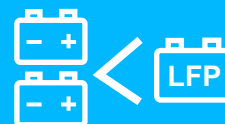
Save Money

5000+ Life cycles@80% DOD
3-5 Years warranty
15+ Years design life



Save Space

40% smaller
60% lighter



Reduce Risk

24hrs x 7 days BMS Monitoring



Major Features:



MORE USABLE CAPACITY

LFP provides 100% of usable energy, so that you can discharge the battery entirely without causing downtime of your solar site, saving cost of diesel generator fuel.



SUPERIOR DEEP CYCLING ABILITY

Superior deep cycle ability provides highly efficient cycling and float service with great energy density.



FASTER CHARGING

Charges much faster than sealed lead acid batteries, giving you access to reliable power quicker to continue your operation. Can fully charge within 2-3 hours which is impossible for VRLA.



EASY INSTALLATION

EverExceed LFP batteries are designed to be drop-in replacement for sealed lead acid batteries without additional labor cost.



HIGH DISCHARGE RATE

Ability to deeply discharge the battery at a high rate of discharge while maintaining a high energy capacity.



USER FRIENDLY BMS

User friendly BMS monitors and communicates regarding the SOC, SOH, protects the system from short-circuit, high and low discharging and charging, high temperature etc.

COST EFFECTIVE
&
COMPACT



SAFE
&

MOST RELIABLE



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Super Customizable solution, supports RS232 & RS485 communication, CAN communication (optional) & 16 modules in parallel connection, Optional LCD display and SNMP Remote monitoring.

Technical Specification:

Modular design

Model	Voltage (V)	Capacity (Ah)	Energy (Wh)	Voltage range (V)	Max. charge current (A)	Max. discharge current (A)	Weight (kg)	Dimension(mm)		
								Width	Depth	Height
EP-4850	48	50	2400	40.5-54	50	50	30	483	410	88
EP-48100	48	100	4800	40.5-54	75	75	58	483	450	177

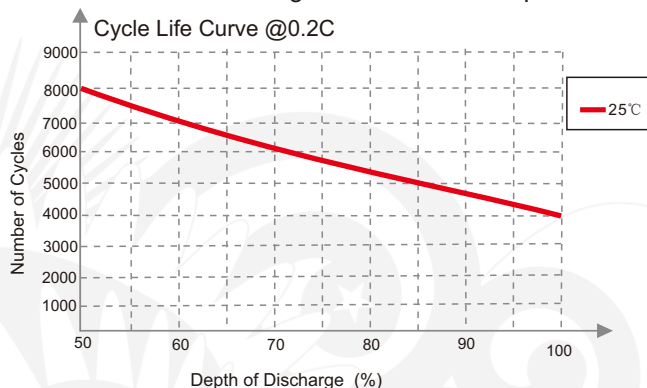
****More model can be customized as per requirement, for details contact EverExceed personnel;

Wall mounted design

Model	Voltage (V)	Capacity (Ah)	Energy (Wh)	Voltage range (V)	Float charge voltage (V)	Max. charge current (A)	Max. discharge current (A)	Dimension(mm)		
								Width	Depth	Height
EP-24100W	25.6	100	2560	21.6-28.8	27.6	50	100	650	485	180
EP-24150W	25.6	150	3840	21.6-28.8	27.6	75	100	650	485	180
EP-24200W	25.6	200	5120	21.6-28.8	27.6	100	100	650	485	180
EP-4850W	48	50	2400	40.5-54	51.75	25	50	650	485	180
EP-48100W	48	100	4800	40.5-54	51.75	50	100	650	485	180
EP-48150W	48	150	7200	40.5-54	51.75	75	100	650	485	180
EP-48200W	48	200	9600	40.5-54	51.75	100	100	650	485	180

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Different DOD Discharge and Different Temperature



Discharge performance @25°C

