



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.

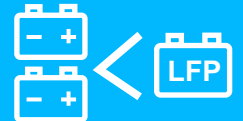
Save Money

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:

Rack Mounted design

Model	No. of cell in series	Voltage (V)	Capacity (Ah)	Energy (Wh)	Voltage Range (V)	Max. charge voltage (V)	Max. charge current (A)	Max. discharge current (A)	Dimension(mm)		
									Width	Depth	Height
EP-4850	15	48	50	2400	40.5-54	54.0	25	50	483	390	177
EP-48100	15	48	100	4800	40.5-54	54.0	50	100	483	480	177
EP-48150	15	48	150	7200	40.5-54	54.0	75	100	483	550	177
EP-48200	15	48	200	9600	40.5-54	54.0	100	100	483	680	177

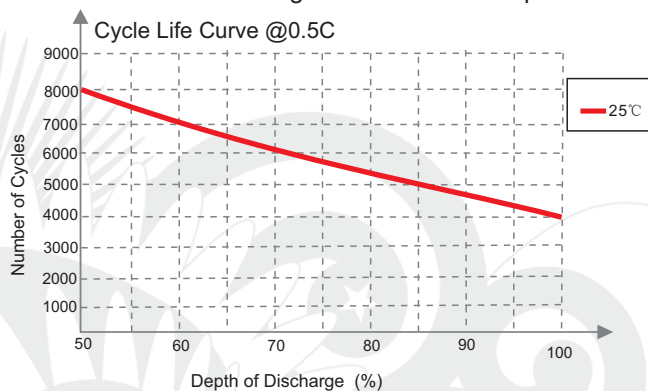
Wall mounted design

Model	No. of cell in series	Voltage (V)	Capacity (Ah)	Energy (Wh)	Voltage Range (V)	Max. charge voltage (V)	Max. charge current (A)	Max. discharge current (A)	Dimension(mm)		
									Width	Depth	Height
EP-4850W	15	48	50	2400	40.5-54	54.0	25	50	650	485	180
EP-48100W	15	48	100	4800	40.5-54	54.0	50	100	650	485	180
EP-48150W	15	48	150	7200	40.5-54	54.0	75	100	650	485	180
EP-48200W	15	48	200	9600	40.5-54	54.0	100	100	650	485	180

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

**Compatible inverter brands are Goodwe, Growatt, Voltronic power, Victron, East, Solax etc. Communications for other brands of inverter can be customized as per the requirement of the customer.

Different DOD Discharge and Different Temperature



Discharge performance @25°C

