

Rechargeable LiFePO4 battery

CEVLF12-100/200 CEVLF48-50/100/200 CEVLF60-100/150



Smart BMS

Built-in BMS with 3C Discharge Rate



Battery monitoring system

Advanced system for battery health monitoring and remote control of battery power (on/off).



Fast and Ultra-fast Chargers

A battery that can be charged at 1C will go from 0% charge to fully charged in one hour to two hours.



brand new grade A prismatic cells.

Long lifespan in 15-20years



OEM service

OEM Battery Design and Size; Custom Digital LCD display;



Communication

GPS Tracker/RS485/ Bluetooth communication



Battery Unit

LiFePO4 safe and ECO Friendly



Battery rack:

it can meet different requirements flexibly



Built-in Smart BMS:

All-round protection for the battery pack, protecting the battery from over charged, over discharged, short circuit, over circuit



Battery Pack:

reasonable separation to keep the consistency



Holder design:

easy to carry and install



Information area:

Show basic information of the battery



Function Parameter



Product number	CEVLF12-100	CEVLF12-200	CEVLF48-50	CEVLF48-100	CEVLF48-200	CEVLF60-100	CEVLF60-150
Norminal Battery Energy	1.2KWH	2.4KWH	2.4KWH	4.8KWH	9.6KWH	6KWH	9KWH
Norminal Capacity	100AH	200AH	50AH	100AH	200AH	100AH	150AH
Norminal Voltage	12.8V	12.8V	51.2V			64V	
Dimensions (mm)	320x210x180		410x210x250	450x260x320	550x380x320	450x300x320	550x380x320
Internal Resistance	≤30mΩ						
Cycle Life	>4000 to >6000						
Self Discharge Rate / Month	<2%						
Charge Data							
DC Normal Charge Voltage	15.2±1Vdc		57±1Vdc			76±1Vdc	
Charge Mode	0.1C to 15.2V, then 15.2, charge current to 0.01C (CC/CV)		0.2C to 58.4V, then 58.4V,charge current to 0.02C (CC/CV)			0.2C to 76V,then 76V, charge current to 0.02C (CC/CV)	
Recommended Charger Current	≤30A	≤50A	≤50A	≤100A	≤120A	≤80A	
Allowed Max.Charge Current	60A	100A	60A	120A	120A	120A	
Charge Cut-off Voltage	15.2V		58.4V			76V	
Discharge Data							
Continuous Discharge Current	80A	100A	80A	100A	120A	80A	
Allowed Max. discharge current	100A (30S)	120A (30S)	100A (30S)	150A (30S)	150A (30S)	200A(30S)	
Discharge cut-off voltage	10V		37.5V	42V		50V	
Working Condition							
Charge Temperature	0℃ to 65℃						
Discharge Temperature	-20℃ to 60℃						
Storage Temperature	0℃ to 40℃						
Enclosure Protection Level	IP65						
Mechanical Data							
Cell&Capacity	LiFePO4 Battery						
Case material	Iron shell						
Weight	10±1KG	18±1KG	22±1KG	42±1KG	75±1KG	62±1KG	75±1KG