





## Battery monitoring system

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



### **OEM** service

OEM Battery Design and Size; Custom Digital LCD display;



# 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.



## Communication

**Battery Pack:** 

GPS Tracker/RS485/ Bluetooth



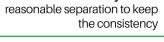
# **Battery Unit**

brand new grade A

Long lifespan in 15-20years

prismatic cells.

LiFePO4 safe and ECO Friendly







## **Battery rack:**

it can meet different requirements fexibly



### Holder design: easy to carry and install



### **Built-in Smart BMS:**

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

### Information area: Show basic information of the battery









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	10	)V	37.5V	42V		50V	
Working Condition				l .			
Charge Temperature	0°C to 65°C						
Discharge Temperature	-20°C to 60°C						
Storage Temperature	0°C to 40°C						
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