




# Encube Series VC12100Plus


12V LiFePO<sub>4</sub> Li-ion Battery





 Cell Balancing Extend lifetime of battery. Current > 300mA

 Safe and reliable  
The safest LFP battery cell

 Bluetooth built-in Easy to access battery status

 High cycle times

 Supports series and parallel use

 Maintenance-free, easy to install and rapid awakening

## Application Scenario



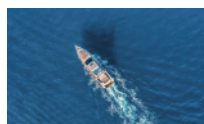
RV



Solar light



Golfcart



Marine



Camera



Household

## Electrical

Nominal Voltage	12.8V
Nominal Capacity	100Ah
Rated Energy	1280Wh
BMS Function	Overcharge, overdischarge, overcurrent and temperature protection
Recommended Charge Voltage	14.4V - 14.6V
Discharge Cut-off Voltage	10.8V
Recommended Charge Current	≤50A
Max.Continuous Charge/Discharge Current@25	100A
Peak Discharge Current	300A@5S
Voltage Configurations	12V
Maximum Configuration	Increase capacity in parallel or increasing voltage series
Maximum Time Between Charges	3 months
Monitoring	Bluetooth
Button	Power on/off and rapid awake ning

## Mechanical

Dimension	307*213*169(W*H*D)/ mm
Weight	Approx. 11.5kg
Terminal	M8
Casing material	ABS

## Environment

Working Temperature Range	Charge : 0~55 ℃ Discharge: -20~60 ℃
Humidity Range	< 95%RH
Storage temperature	15 ℃~35 ℃
IP protection level	IP65

