

# 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°C	100A
Peak Discharge Current	300A@5S
Voltage Configurations	12V
Maximum Configuration	Increase capacity in parallel
Maximum Time Between Charges	3 months
Monitoring	Bluetooth
Button	Power on/off and rapid awakening

## 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°C      Discharge: -20~60°C
Humidity Range	<95%RH
Storage temperature	15°C~35°C
IP protection level	IP65

