

# Encube Series VC1220

12V LiFePO4 Li-ion Battery



Cell Balancing, Extend lifetime of battery. Current >300mA



Safe and reliable  
The safest LFP battery cell



Maintenance Free



Battery management system with chip



Supports series and parallel use

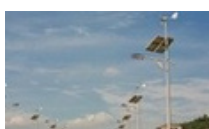


High compatibility  
Support to connect with lead-acid battery

## Application Scenario



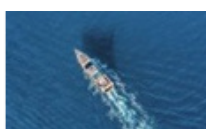
Toy Car



Solar light



Electrical Tools



Marine



Camera



Household



Website: [www.power-revolution.co.za](http://www.power-revolution.co.za)



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## Electrical

Nominal Voltage/V	12.8
Nominal Capacity/Ah	20
Rated Energy/Wh	256
BMS Function	Overcharge, overdischarge, overcurrent and temperature protection
Recommended Charge Voltage/V	14.4 - 14.6
Discharge Cut-off Voltage/V	10.8
Standard Charge Current/A	10
Max. Charge Current/A	20
Continuous Discharge Current/A	20
Peak Discharge Current/A@5S	40
Maximum Configuration	Max 4 units in parallel (no series)
Maximum Time Between Charges	3 months

## Mechanical

Dimension(L*W*H)/ mm	181*77*170
Weight/kg	Approx.2.3
Terminal	M5
Casing material	ABS

## Environment

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

