

# Encube Series VC1206

12V LiFePO<sub>4</sub> 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



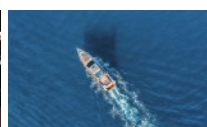
Toy Car



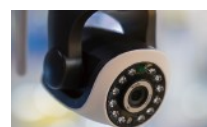
Solar light



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	6
Rated Energy/Wh	76.8
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	3
Max. Charge Current/A	6
Continuous Discharge Current/A	6
Peak Discharge Current/A@5S	18
Maximum Configuration	Increase capacity in series
Maximum Time Between Charges	3 months

# Mechanical

Dimension(L*W*H)/ mm	151*65*94
Weight/kg	Approx.0.75
Terminal	F2
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

