

Encube Series VC1206

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



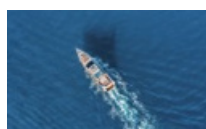
Toy Car



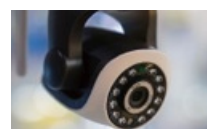
Solar light



Electrical Tools



Marine



Camera



Household



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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 Max.	3
Charge Current/A	6
Continuous Discharge	6
Current/A Peak Discharge Current/A@5S	18
Maximum Configuration	Increase capacity in parallel
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

