




Encube Series VC1220


12V LiFePO₄ Li-ion Battery





 Light weight, small size, high energy density

 Safe and reliable
The safest LFP battery cell

 Replace lead-acid battery directly

 High cycle times

 Green and pollution-free

 Maintenance-free and easy to install

Application Scenario



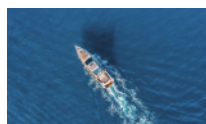
RV



Solar light



Golfcart



Marine



Camera



Household

Electrical

Nominal Voltage	12.8V
Nominal Capacity	20Ah
Rated Energy	256Wh
BMS Function	Overcharge, overdischarge, overcurrent and temperature protection
Recommended Charge Voltage	14.4V - 14.6V
Discharge Cut-off Voltage	10.8V
Recommended Charge Current	≤10A
Max.Continuous Charge/Discharge Current	20A
Peak Discharge Current	40A@5S
Voltage Configurations	12V
Maximum Configuration	Increase capacity in parallel
Maximum Time Between Charges	3 months

Mechanical

Dimension	181*170*77(W*H*D)/ mm
Weight	Approx. 2.3kg
Terminal	M5
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

