

VC 12V Plus Series / 1.28kWh

Residential Lead-Acid Like Lithium 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 cycles times



Supports series and parallel use



Maintenance-free and easy to install

Application Scenario



RV



Solarlight



Golfcart



Marine



Camera



Household

Electrical

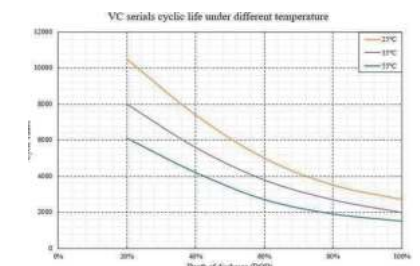
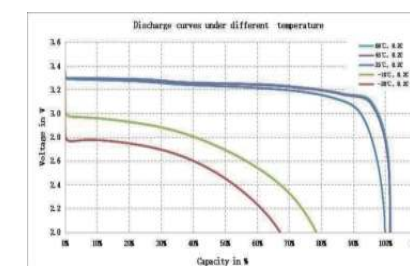
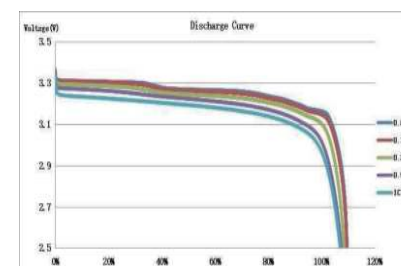
Nominal Voltage/V	12.8
Nominal Capacity/Ah	100
Rated Energy/Wh	1280
BMS Function	Overcharge, overdischarge, overcurrent and temperature protection
Recommended Charge Voltage/V	14.4 - 14.6
Discharge Cut-off Voltage/V	10.8
Standard Charge Current/A	50
Max. Charge Current/A	100
Continuous Discharge Current/A	100
Peak Discharge Current/A@5S	300
Voltage Configurations	12V, 24V, 36V, 48V
Maximum Configuration	Increase capacity in parallel or increasing voltage series
Maximum Time Between Charges	3 months
Monitoring	Bluetooth

Mechanical

Dimension(L x W x H)/ mm	307 x 169 x 213
Weight/kg	Approx.11.5
Terminal	M8
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



VC 12V Plus Series / 2.56kWh

Residential Lead-Acid Like Lithium Battery



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Application Scenario



RV Solarlight Golfcart Marine Camera Household

Electrical

Nominal Voltage/V	12.8
Nominal Capacity/Ah	200
Rated Energy/ Wh	2560
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	50
Max. Charge Current/A	100
Continuous Discharge Current/A	100
Peak Discharge Current/A@5S	300
Voltage Configurations	12V, 24V, 36V, 48V
Maximum Configuration	Increase capacity in parallel or increasing voltage series
Maximum Time Between Charges	3 months
Monitoring	Bluetooth

Mechanical

Dimension(L*W*H)/ mm	520 x 270 x 220
Weight/kg	Approx.31.5
Terminal	M8
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

