

赣锋锂电
GanfengLiEnergy

Mobile power supply



Multifunctional use

- RV mobile battery
- Emergency power supply etc.



Technical advantages



LiFePO₄ chemicals give batteries a safer performance, longer life and energy density.



Built-in highly stable BMS system with protection functions such as overcharge, discharge, overcurrent, high and low temperature, etc.



Light weight, portability and high cycle life



Technical parameter

Type	HC-GF-12.8
Battery Type	LiFePO4@GF
Compound Mode	1P4S
Rated Battery Voltage	12.8V
Energy	1280Wh
Nominal capacity	100Ah
Standard charge current	100A
Max charging current	100A
End charge current	2A
Standard Discharge Current	100A
Max Discharge Current	100A
Max.Pulse Discharging Current	125A for 10sec
Discharging Cut-off Voltage	10.8V
Standard Charging Voltage	14.4V
Upper Limit of Charging Voltage	14.6V
Depth of Discharge	80%
Cycle Life	4000 Cycle SOH \geq 60%,5000 Cycle SOH \geq 50%
Impedance	<100m Ω
Size	339*184*217mm
Weight	\approx 11.2kg
Discharge temperature range	-10 $^{\circ}$ C~55 $^{\circ}$ C & -50~131 $^{\circ}$ F
charge temperature range	0 $^{\circ}$ C~45 $^{\circ}$ C & -32~113 $^{\circ}$ F
Storage temperature range	-40 $^{\circ}$ C~55 $^{\circ}$ C & -104~131 $^{\circ}$ F
Operating Temperature Range	\leq 85%
Shell material	ABS
Reverse connection protection	Enable

- Cell meets IEC62619, CE standards, and ROHS requirements
Battery meets UN38.3 requirements
- 1C A grade life cells