

Use

- › Electric mobility
- › Solar energy storage/wind turbine
- › Inverter
- › Telecommunications
- › Lighting



Lithium iron phosphate battery

- › **Long useful life**
Up to 4 000 cycles at 0,2C of charge and discharge.
- › **Light weight**
About 40% lighter than an equivalent acid or GEL battery.
- › **More powerful**
Delivers twice the power as a lead battery, even with a high discharge rate level, while keeping a high energy capacity.
- › **Large temperature range**
Operating temperature between -20°C and 60°C.
- › **Safe**
The lithium iron phosphate technology eliminates the risk of explosion or combustion due to shock, overload or short circuit condition.
- › **Without maintenance**
No self-discharge or maintenance needed.

Technical features

Nominal voltage	12.8V
Nominal capacity	100Ah (0.2C discharge)
Full battery voltage	98Ah (0.2C discharge)
Rated power	14.4V
Internal resistance	1280Wh
Internal resistance	≤30mΩ
Useful life	≥4,000 cycles of 0.2C of charge/discharge
Self-discharge	<0.1% (-20°C to 45°C)
Configuration	4S28P
Working voltage	12.8V
Charging voltage	14.4V
Nominal charge current	≤50A
Maximum charge current	≤100A
Nominal discharge current	≤150A
Maximum discharge current	≤240A (<10s)
Admissible peak current	≤350A (<2s)
Built-in protections	overload deep charge heating cell balancing
Charging temperature	0°C to 45°C
Discharge temperature	-20°C to 60°C
Storage temperature	-10°C to 40°C
Cell type	LFP
Case	Plastic
Dimensions	342 x 173 x 215 mm
Weight	13.6kg
Screw terminals	Screw type M8 CAN PINS

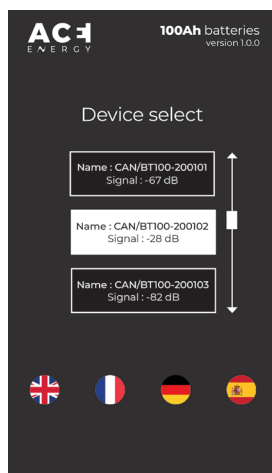
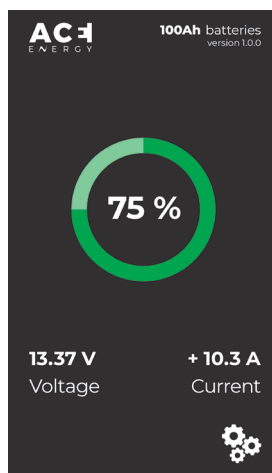
PCM Charge

PCM Discharge

PCM Protection

Environment

Mechanic



App mobile
Android

iOS

App mobile
iOS