

Application/Use

Category	Lithium
Application	Backup
Warranty:	12



Specs & Dimensions

Model	LFP12.8V100AH G1	LFP12.8V100AH G2	LFP12.8V100AH G3
Nominal Voltage [V]	12.8		
Nominal Capacity [Ah]	100		
Total Energy [Wh]	1280		
Max. Charging Current [A]	100		
Recommended Charging Current [A]	50		
Charging Voltage [V]	14.2~14.6		
Max. Discharging Current [A]	100		
End of Discharge Voltage [V]	11.2		
Operating Temperature Range ⁽¹⁾	Charge: 0 ~ +50°C; Discharge: -20 ~ +55°C With optional heater parts: Charge/Discharge -20~+55°C		
Protection	Over charge Over discharge, Over temperature, Low Temperature, Over Current, Short circuit		
Cycle Life ⁽²⁾	>3500 cycles		
Designed Calendar Life	10 Years		
Dimension (W*D*H, mm)	260*168*210 (BCI Group 24)		
Weight [Kg]	10		
Operation Humidity	0~95% RH (No condensing)		
Communication Port	/	/	RS485; CAN
LED Indicator and Button	/	SOC, ALM, RUN, ON/OFF	SOC, ALM, RUN, ON/OFF
IP Class	IP65	IP65	IP30
Parallel Support ⁽³⁾	Yes, Max, 4Sets	Yes, Max, 4Sets	Yes, Max, 4Sets
Series Support	Yes, Max. 4 Sets	Yes, Max. 4 Sets	Yes, Max. 4 Sets
Certification-Cell	UN38.3; ROHS; IEC62619; UL1973; UL9540A		
Certification-Battery	UN38.3; MSDS; CE		
Optional Parts	Internal Bluetooth Module Heater Parts(100W)	Internal Bluetooth Module Heater Parts(100W)	Internal Bluetooth Module Heater Parts(100W) RS485-USB Device

Alrode

Deltec Energy Solutions
6 Liebenberg Street,
Alrode, Alberton, Johannesburg
South Africa

011 864 7930

sales@deltec.co.za

Cape Town

60 Marine Drive
Paarden Eiland, Cape Town

021 511 1001 | sales@deltec.co.za

Port Elizabeth

39 Drury Street North End
Port Elizabeth

021 511 1001 | sales@deltec.co.za

Pinetown

116 Josiah Gumede Road
Pinetown, Durban

031 702 4333 | sales@deltec.co.za

Nelspruit

Rapid Business Park, 10 Rapid Street
Riverside, Nelspruit

087 806 5876 | sales@deltec.co.za

George

112 Merriman Street
George CBD, George

044 001 0099 | etienne@deltec.co.za

Safety

- + Long life type prismatic LiFePO4 cells.
- + Cell certification: UN38.3, ROHS, IEC62619, UL1973.
- + Battery certification: UN38.3, MSDS.
- + The cycle life over 3500 times.

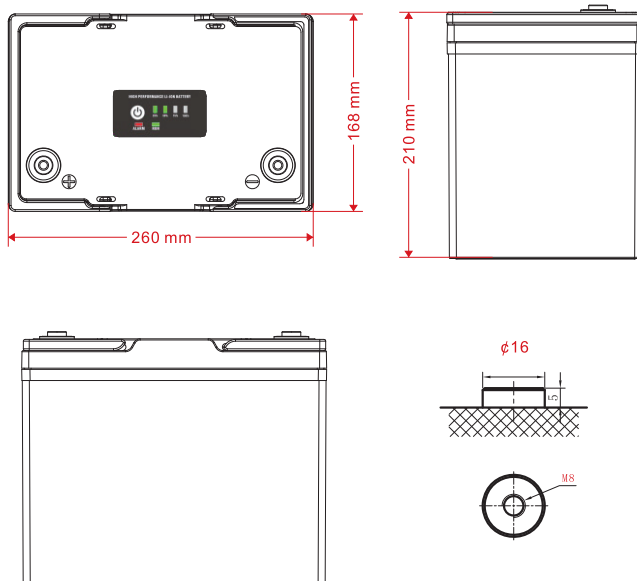
Design

- + Detachable case, better than traditional case.
- + Case material ABS+PC, better and stronger than ABS case.
- + IP65 Class, water-proof design.
- + Maintenance free.

Battery Management System

- + Integrated BMS inside.
- + Independent protection for charge and discharge.
- + OVP, LVP, OCP, OTP, LTP, OTP, Short circuit protection.
- + Support LEDs indicators, Heater parts, Blue-tooth module.

Specs & Dimensions



Unit: mm

Alrode

Deltec Energy Solutions
6 Liebenberg Street,
Alrode, Alberton, Johannesburg
South Africa

☎ 011 864 7930

✉ sales@deltec.co.za

Cape Town

60 Marine Drive
Paarden Eiland, Cape Town

☎ 021 511 1001 | ✉ sales@deltec.co.za

Port Elizabeth

39 Drury Street North End
Port Elizabeth

☎ 021 511 1001 | ✉ sales@deltec.co.za

Pinetown

116 Josiah Gumede Road
Pinetown, Durban

☎ 031 702 4333 | ✉ sales@deltec.co.za

Nelspruit

Rapid Business Park, 10 Rapid Street
Riverside, Nelspruit

☎ 087 806 5876 | ✉ sales@deltec.co.za

George

112 Merriman Street
George CBD, George

☎ 044 001 0099 | ✉ etienne@deltec.co.za