

Application/Use

Category	Lithium
Application	Backup
Warranty:	12



Specs & Dimensions

Model	LFP25.6V50AH G1	LFP25.6V50AH G2	LFP25.6V50AH G3
Nominal Voltage [V]	25.6		
Nominal Capacity [Ah]	50		
Total Energy [Wh]	1280		
Max. Charging Current [A]	50		
Recommended Charging Current [A]	25		
Charging Voltage [V]	28.4~29.2		
Max. Discharging Current [A]	50		
End of Discharge Voltage [V]	22.4		
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)	330*172*214 (BCI Group 31)		
Weight [Kg]	15		
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. 2 Sets	Yes, Max. 2 Sets	Yes, Max. 2 Sets
Certification-Cell	UN38.3; ROHS; IEC62619; UL1973;		
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

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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.

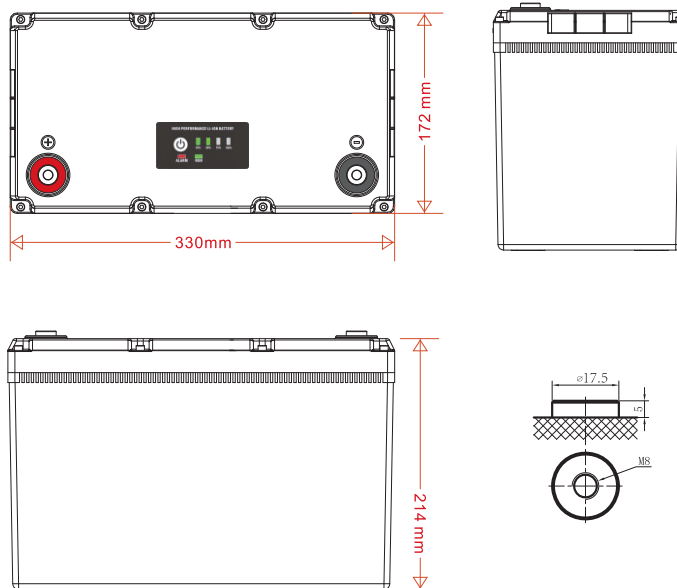
Design

- + 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

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