

## Application/Use

|             |         |
|-------------|---------|
| Category    | Lithium |
| Application | Backup  |
| Warranty:   | 12      |



## Specs & Dimensions

| Model                                      | LFP12.8V200AH G1                                                                                    | LFP12.8V200AH G2                                | LFP12.8V200AH G3                                                    |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------|
| Nominal Voltage [V]                        | 12.8                                                                                                |                                                 |                                                                     |
| Nominal Capacity [Ah]                      | 200                                                                                                 |                                                 |                                                                     |
| Total Energy [Wh]                          | 2560                                                                                                |                                                 |                                                                     |
| Max. Charging Current [A]                  | 200                                                                                                 |                                                 |                                                                     |
| Recommended Charging Current [A]           | 100                                                                                                 |                                                 |                                                                     |
| Charging Voltage [V]                       | 14.2~14.6                                                                                           |                                                 |                                                                     |
| Max. Discharging Current [A]               | 200                                                                                                 |                                                 |                                                                     |
| End of Discharge Voltage [V]               | 11.2                                                                                                |                                                 |                                                                     |
| Operating Temperature Range <sup>(1)</sup> | Charge: 0 ~ +55°C; Discharge: -20 ~ +55°C<br>With optional heater parts: Charge/Discharge -20~+55°C |                                                 |                                                                     |
| Protection                                 | Over charge, Over discharge, Over temperature, Low Temperature, Over Current, Short circuit         |                                                 |                                                                     |
| Cycle Life <sup>(2)</sup>                  | >3500 cycles                                                                                        |                                                 |                                                                     |
| Designed Calendar Life                     | 10 Years                                                                                            |                                                 |                                                                     |
| Dimension (W*D*H, mm)                      | 522*240*219                                                                                         |                                                 |                                                                     |
| Weight [Kg]                                | 21.6                                                                                                |                                                 |                                                                     |
| 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                                               |
| P Class                                    | IP65                                                                                                | IP65                                            | IP30                                                                |
| Parallel Support <sup>(3)</sup>            | 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;                                                                     |                                                 |                                                                     |
| Certification-Battery                      | UN38.3; MSDS; CE                                                                                    |                                                 |                                                                     |
| Optional Parts                             | Internal Bluetooth Module<br>Heater Parts(100W)                                                     | Internal Bluetooth Module<br>Heater Parts(100W) | Internal Bluetooth Module<br>Heater Parts(100W)<br>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.

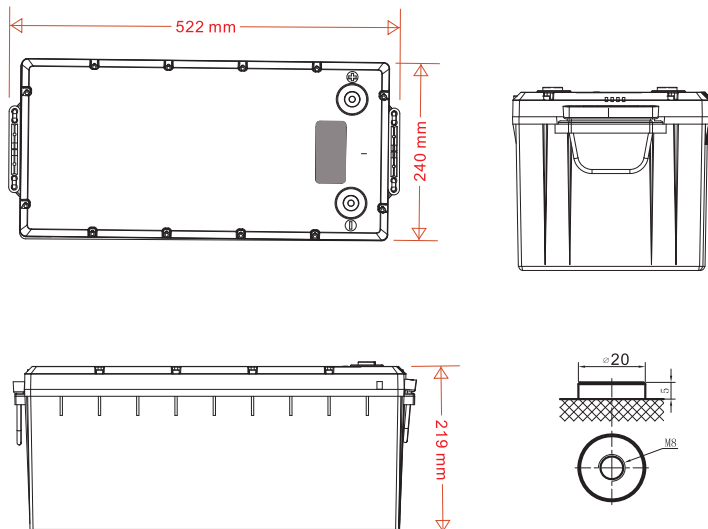
## Design

- + 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.

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Unit: mm

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