

# LITHIUM ION BATTERIES

# LifePO4

25.6V 100 Ah / 51.2V 100 Ah



Built-In  
Bluetooth



Built-In  
Wifi



LifeSpan  
6000 Cycles



3  
YEARS  
Warranty



## Specifications

| Model Specification               | 25.6V 100 Ah                                                                                                                      | 51.2V 100 Ah               |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Model Specification               | LifePO4                                                                                                                           | LifePO4                    |
| Total Energy                      | 2560Wh                                                                                                                            | 5120Wh                     |
| Usable Energy (90%DOD)            | 2304Wh                                                                                                                            | 4608Wh                     |
| Voltage Window                    | 22.4 ~29.2v                                                                                                                       | 44.8~58.4v                 |
| Fast Charge Voltage               | 28.8v                                                                                                                             | 57.0v                      |
| Folat Charge Voltage              | 28.0v                                                                                                                             | 56.0v                      |
| Low DC Cut-off Voltage            | 23.4v                                                                                                                             | 46.8v                      |
| Application for Online Monitoring | Our Cloud                                                                                                                         |                            |
| Max. continue discharge current   | 100Ah                                                                                                                             |                            |
| Max.pulse discharge current       | 150A 1sec                                                                                                                         |                            |
| Max. continue charge current      | 50A                                                                                                                               |                            |
| Scalable                          | 1-15 in parallel                                                                                                                  |                            |
| Communication                     | RS 485                                                                                                                            | CAN, RS 485                |
| Cycle Life                        | 6000 Cycles                                                                                                                       |                            |
| Terminal                          | Double M8                                                                                                                         |                            |
| Storage temperature               | 0℃~30℃                                                                                                                            |                            |
| Storage duration                  | 6 months at 25℃                                                                                                                   |                            |
| Safety Standard                   | UN38.3,MSDS                                                                                                                       |                            |
| IP degree                         | IP 20                                                                                                                             |                            |
| PROTECTION                        |                                                                                                                                   |                            |
| Protection                        | Over charge protection, Over Discharge Protection, Over Current Protection<br>Shortcircuit protection,Over temperature protection |                            |
| AMBIENT                           |                                                                                                                                   |                            |
| Working temperature               | -10℃~+50℃                                                                                                                         |                            |
| Humidity                          | 0-95% (no condensation)                                                                                                           |                            |
| DIMENSION                         |                                                                                                                                   |                            |
| L x W x H ( product size)MM       | 520*390*178                                                                                                                       | 640*390*178                |
| L x W x H ( package size)MM       | 566*640*240<br>(UN Carton)                                                                                                        | 689*440*240<br>(UN Carton) |
| Weight (NW)                       | 27.8                                                                                                                              | 46.1                       |
| Weight (GW)                       | 31.0                                                                                                                              | 50.3                       |

Smart BMS support communication with different brand of hybrid inverter

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