

LITHIUM BATTERY

LFP12100



Features Of LiFePO4 Battery

- Ultra light weight
- High integration, small size, high energy density
- Eco-friendly clean energy
- Long lifespan sustainable
- High efficiency

Application Scenarios

- Electric vehicles, Electric mobility
- Solar/wind energy storage system
- Telecommunication
- Medical equipment
- Lighting



Specification

| | | |
|---|------------------|---------------|
| Nominal Voltage | | 12.8V |
| Working Voltage | | 10-14.6V |
| Nominal Capacity | | 100Ah |
| Energy | | 1280Wh |
| Positive Material | | LFP |
| Approx. Weight | | 10.5kg |
| Dimension | Length | 330mm |
| | Width | 173mm |
| | Container Height | 212mm |
| Terminal Type | | M8 |
| Container Material | | ABS |
| IP Rating | | IP65 |
| Temp. Range | Charge | 0-55°C |
| | Discharge | -20~60°C |
| | Storage | -20~60°C |
| Recom. Temp. Range | Charge | 15-35°C |
| | Discharge | 15-35°C |
| | Storage | -10~35°C |
| Cycle Number | | 5000 cycles |
| Self Discharge | | ≤3% Per Month |
| Max.number of series and parallel connections | | 4S or 4P |

Charge

| | |
|-------------------------------|--------|
| Max Continuous Charge Current | 100.0A |
| Recom. Charge Current | 20.0A |
| Upper Limit Voltage | 14.6V |

DisCharge

| | |
|----------------------------------|--------|
| Max Continuous Discharge Current | 100.0A |
| Recom. Discharge Current | 50.0A |
| Lower Limit Voltage | 10V |

Additional Function

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Physical Dimension-mm

