

LITHIUM BATTERY

LFP1220

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 | |
| Rated Capacity | 20Ah | |
| Energy | 256Wh | |
| Positive Material | LFP | |
| Weight | Approx.2.63Kg | |
| Dimension | Length | 181.5mm |
| | Width | 77mm |
| | Container Height | 167.5mm |
| Terminal Type | T3 | |
| Container Material | ABS | |
| Ingress Protection | 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 Rate | ≤3%/Month@25°C | |



Charge

| | |
|-------------------------------|-------|
| Max Continuous Charge Current | 10.0A |
| Recom. Charge Current | 2.0A |
| Upper Limit Voltage | 14.6V |

DisCharge

| | |
|----------------------------------|-------|
| Max Continuous Discharge Current | 10.0A |
| Recom. Discharge Current | 5.0A |
| Lower Limit Voltage | 10V |

Additional Function

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Physical Dimension-mm

