



12.8V 120AH LITHIUM BATTERY



► Features

- A grade brand new prismatic LiFePO4 cells
- Over charge, over discharge, over temperature, low Temperature, over current and short circuit protection
- Cell balance function
- Certificate: UN38.3, MSDS
- ≥ 5000 cycles @80% DOD(25°C, 0.5C)
- Easy installation and maintenance free
- IP65, superior safety
- Max.4 battery packs can be connected in series

► Electrical Characteristics

| Model | LFP1.53KWH12.8V-P65L2 |
|-----------------------------------|--|
| Battery Type | LiFePO4 |
| Nominal Voltage (V) | 12.8 |
| Nominal Capacity (AH) | 120 |
| Energy (WH) | 1536 |
| Pack Mode | 4S1P |
| Continuous Discharge Current (A) | 60 |
| Charge Cut-off Voltage (V) | 14.4 |
| Discharge Cut-off Voltage (V) | 10.4 |
| Max.Charge Current (A) | 50 |
| Max.Discharge Current (A) | 100 |
| Peak Discharge Current (A) | 130@10S |
| Recommend Discharge Current (A) | 60 |
| Recommend Discharge Depth (%) | 80 |
| Cycle Life | ≥ 5000 cycles (25°C, 0.5C) 80% DOD |
| Communication | — |
| Charge&Discharge Temperature (°C) | Charge: 0°C~+55°C / Discharge: -20°C~+60°C |
| Optimal Storage Temperature (°C) | 5°C ~ +35°C |
| Recommend Storage Humidity | 20%~80% |
| Terminal | M8 |
| Dimensions (L*W*H) (mm) | 339*185*218 |
| Weight (Kg) | 19±0.5 |
| Transportation | UN38.3, MSDS |
| IP Class | IP65 |