



BeLY Bluetooth with Heating Series LFP-48V50AH

This series is with features:

New Grade A+ prismatic cells

Pre-charge function

With Bluetooth and Self-heating

Smart BMS design

| ELECTRICAL SPECIFICATIONS | |
|---------------------------|---------------|
| Nominal Voltage | 51.2V |
| Nominal Capacity | 50Ah |
| Energy | 2560Wh |
| Resistance | <10m Ω |
| Discharge Efficiency | >99% |
| Self Discharge | <3% per Month |

| MECHANICAL SPECIFICATIONS | |
|---------------------------|---------------|
| Dimensions (L x W x H) | 345*190*245mm |
| Weight | 20kg |
| Terminal Type | M8 |
| Terminal Torque | 10-15N-m |
| Case Material | ABS |
| Enclosure Protection | IP65 |

| CHARGE SPECIFICATIONS | |
|----------------------------|------------|
| Maximum Charge Current | 50A |
| Recommended Charge Current | ≤25A |
| Charge Voltage | 56.8~58.4V |
| Charge Cut-off Voltage | 58.4V |
| Reconnect Voltage | 54.4V |

| DISCHARGE SPECIFICATIONS | |
|--------------------------------------|----------|
| Maximum Continuous Discharge Current | 50A |
| Max. Pulse Discharge Current | 80A (5S) |
| Discharge Cut-off Voltage | 40V |
| Reconnect Voltage | 48V |
| Short Circuit Protection | Yes |

| TEMPERATURE SPECIFICATIONS | |
|------------------------------------|---------------------------|
| Discharge Temperature | -4~140°F (-20 ~60°C) |
| Charge Temperature | -22~140°F (-30°C~60°C) |
| Temperature Range Storage <1 month | -4~122°F (-20°C~50°C) |
| Temperature Range Storage >1 month | 23~104°F (-5°C~40°C) |