

SPECIFICATION FOR LFPO4 BATTERY



Lithium Ferro Phosphate

| TECHNICAL SPECIFICATION | | Nominal Voltage | 60V |
|-------------------------|------------------------------|-----------------------------------------------------|---------------|
| | | Nominal Capacity | 24Ah |
| No | Item | Condition | Specification |
| 1 | Chemistry | | LFPO4 |
| 2 | Charging | Cut Off voltage | 69.35±0.05V |
| 3 | | Release voltage | 69.20±0.1V |
| 4 | | Max Charging voltage | 70V |
| 5 | Discharging | Cut Off voltage | 39.9±0.1V |
| 6 | | Release voltage | 42.7±0.1V |
| 7 | | | |
| 8 | Current | Over Charging current | 20A |
| 9 | | Over Discharging current | 50A |
| 10 | Short detection | Short detection delay time | 100~350us |
| 11 | | Release Conditions | Cut off load |
| 12 | Temperature protection | Charge temperature protection | -10? ~ +50? |
| 13 | Temperature protection | Discharge temperature protection | -10? ~ +50? |
| 14 | Self Discharge | In Three Months | <3% |
| 15 | IR resistance | Battery | =90.00 mΩ |
| 16 | Suggested working conditions | Max continuous charge/discharge current | 15A / 25A |
| 17 | | Working temperature | -10? ~ +45? |
| 18 | NTC | NTC (-20 ~ +40)°C | Inbuilt |
| 19 | Cycles Life | 80% DOD | >2500 |
| 20 | Storage | Temperature | -10? ~ +50? |
| 21 | Weight | Approx. | 15.5 Kg |
| 22 | Dimensions | L-290mm (±05mm) X W-240mm (±05mm) X H-160mm (±05mm) | |
| 23 | Compliances Specifications | ISO 9001:2015 | |