

# LITHIUM BATTERY

## Adapt to various scenarios

Molde: 2.56KWh

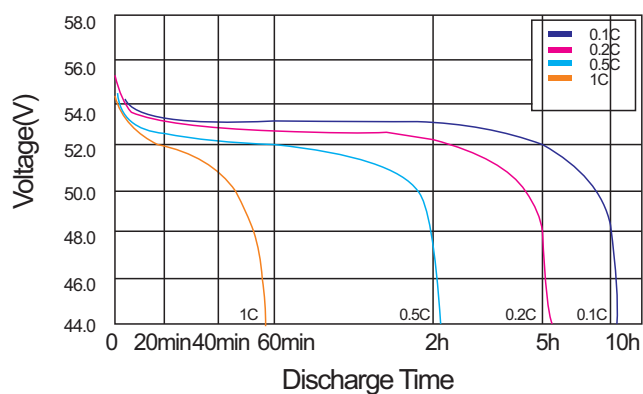


## PRODUCT PARAMETERS

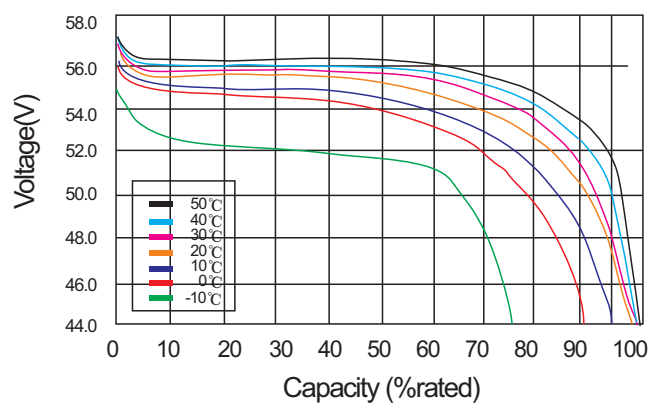
| Model                             | 2.56KW                                 |
|-----------------------------------|----------------------------------------|
| Battery Type                      | LiFePO4 Prismatic Cell                 |
| Rated Capacity                    | 2.56KWh                                |
| Rated Energy                      | 100Ah                                  |
| Rated Voltage                     | 25.6V                                  |
| Max.Charging Voltage              | 29.2V                                  |
| Discharge Cut-off Voltage         | 20V                                    |
| Max. Charging Current             | 50A                                    |
| Max. Continuous Discharge Current | 80A                                    |
| Terminal                          | T3                                     |
| Ingress protection                | IP21                                   |
| Working Temperature Range         | Discharge: -20°C~65°C Charge: 0°C~65°C |
| Warranty                          | 5 Years                                |
| Certification                     | ISO9001, IEC62619, UN38.3, CE, MSDS    |
| Net Weight(KG)                    | 16.88KG                                |
| Gross Weight(KG)                  | 17.8KG                                 |
| Product Dimension(MM)             | 484*170*241MM                          |
| Package Dimension(MM)             | 502*190*290MM                          |

## Charging and Discharge Curve

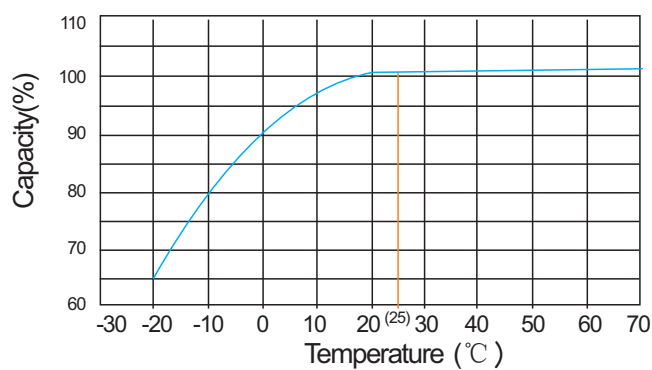
Different Rate Discharge Curve@25°C



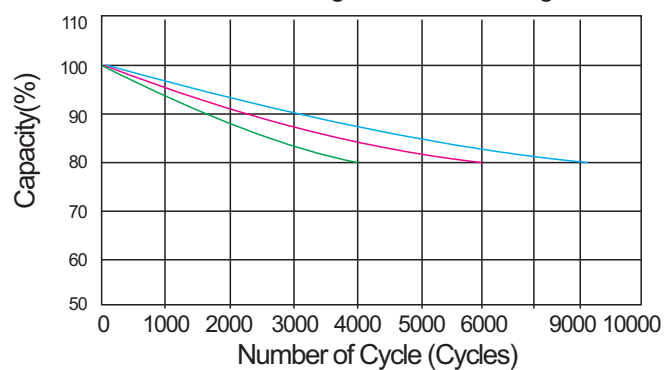
Different Temperature Discharge Curve @ 0.5C



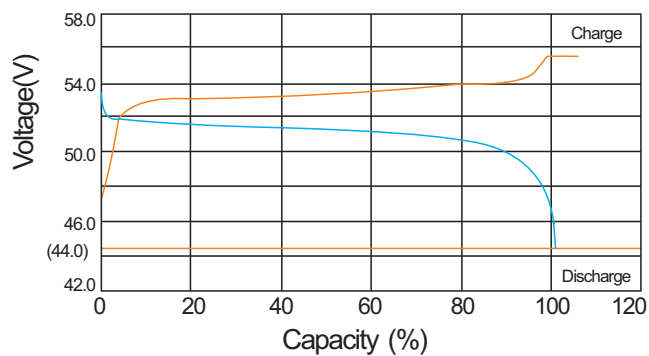
Temperature Effectson Capacity at 0.5C



Cycle Life with DOD at 25°C  
0.5C Discharge and 0.25C Charge



Chargeand Discharge at 25°C ,0.5C



Different Temperature Self Discharge Curve

