UNINTERRUPTED LIFE
PATTERN®

LiFePO4 Batteries

25.6V350Ah

# LITHIUM BATTERY

**Molde: 8.96KWh**

- Easy Installation and Maintenance
- High Cycle Life Reliable Performance
- Compatible with Most Solar Inverters
- Convenient CAN & RS485 Communication
- Wall-mounted/ Stack Installation/ Floor Installation

## PRODUCT PARAMETERS

| Model | PD-8.96KW |
|---|---|
| Battery Type | LiFePO4 Prismatic Cell |
| Rated Capacity | 8.96KWh |
| Rated Energy | 350Ah |
| Rated Voltage | 25.6V |
| Max.Charging Voltage | 29.2V |
| Discharge Cut-off Voltage | 22.4V |
| Max. Charging Current | 100A |
| Max. Continuous Discharge Current | 130A |
| Max.Modules in Parallel | 15 |
| Communication | CAN & RS485 |
| Cycle Life | >6000， @25°C 80% DOD |
| Ingress protection | IP 21 |
| Working Temperature Range | Discharge: -20℃~65℃ Charge: 0℃~65℃ |
| Warranty | 5 Years |
| Certification | ISO9001, IEC62619, UN38.3, CE, MSDS |
| Net Weight(KG) | 61.5KG |
| Gross Weight(KG) | 73.6KG |
| Product Dimension(MM) | 581*428*256MM |
| Package Dimension(MM) | 625*523*413MM |

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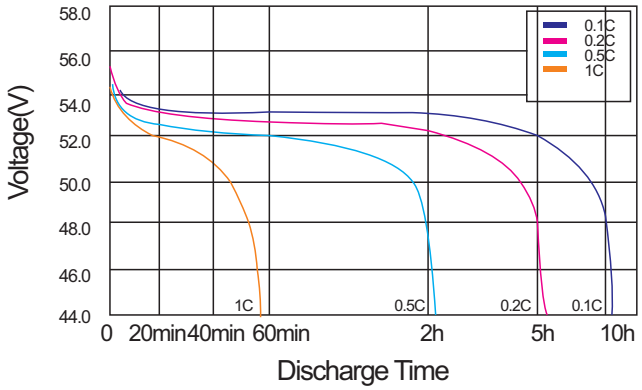
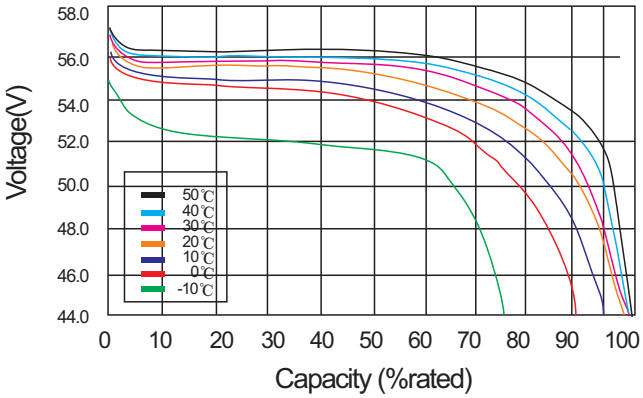
# Charging and Discharge Curve

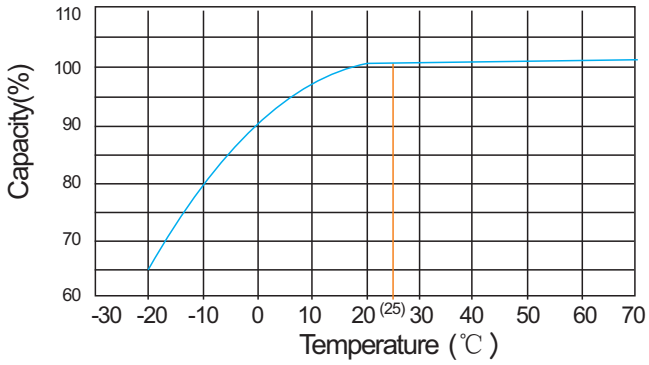
Different Rate Discharge Curve@25°C



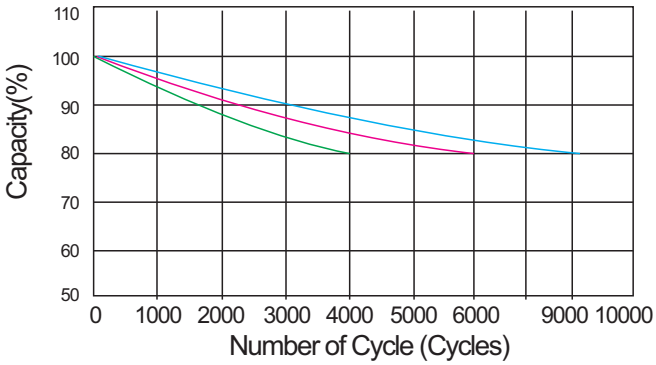

Different Temperature Discharge Curve @ 0.5C



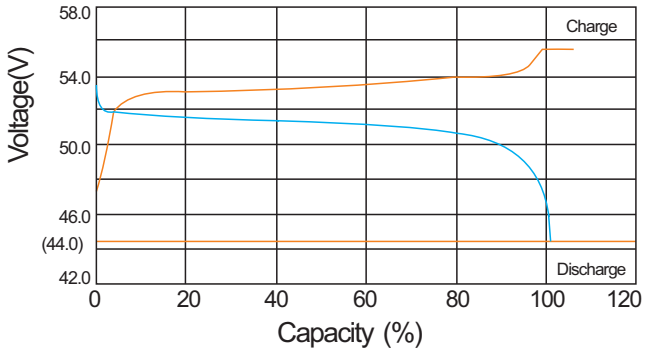

Temperature Effectson Capacity at 0.5C

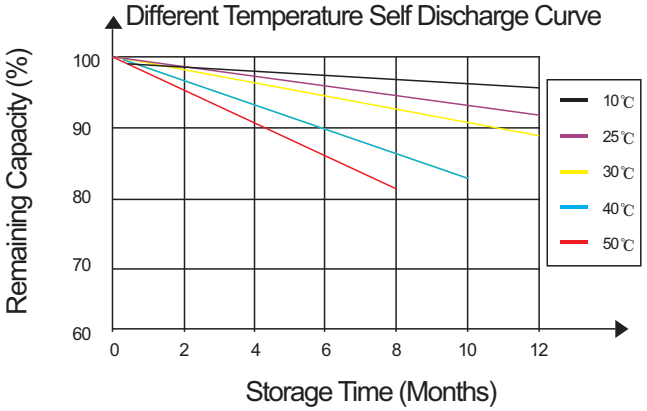



Cycle Life with DOD at 25°C
0.5C Discharge and 0.25C Charge




Chargeand Discharge at 25°C ,0.5C




Different Temperature Self Discharge Curve