

TMLiF-7230P (72V30Ah)

Rechargeable Li-ion Battery-Motive Battery-LFP Series



Product Features



Cylindrical LFePO₄ cell-32650
(3.2V 5.0~6.7Ah), higher reliability



Fully replaceable with current batteries
(Lead-acid, Ni-Cd)



Maintenance free
50% lighter than lead acid batteries



Longer cycle life
2000 cycles@100%DOD.



Lithium iron phosphate technology, safe and reliable.



Product Application



Electric Tricycle



Electric Motorcycle



Water Scooter



Snowmobile



Low-speed EV



Electric Forklift

Nominal Characteristics

| | |
|---------------------------------|-----------------|
| Nominal Voltage | 72V |
| Nominal Capacity (@0.2C) | 30Ah (23S5P) |
| Nominal Energy | 2160Wh |
| Self Discharge Rate | ≤3.5% per month |
| Cycle Life (@25°C,0.2C,100%DOD) | 2000 Cycles |
| Parallel Connected Function | Not supported |
| Series Connected Function | Not supported |

Charging Specifications

| | |
|------------------------------|--------|
| Recommended Charging Voltage | 83.95V |
| Max. Charging Current | 15A |

Discharging Specifications

| | |
|-------------------------------------|-----------|
| Discharging Cut-off Voltage | 57.5V |
| Max. Discharging Continuous Current | 50A |
| Max. Discharging Peak Current | 150A, <3S |

TMLiF-7230P (72V30Ah)

Rechargeable Li-ion Battery-Motive Battery-LFP Series



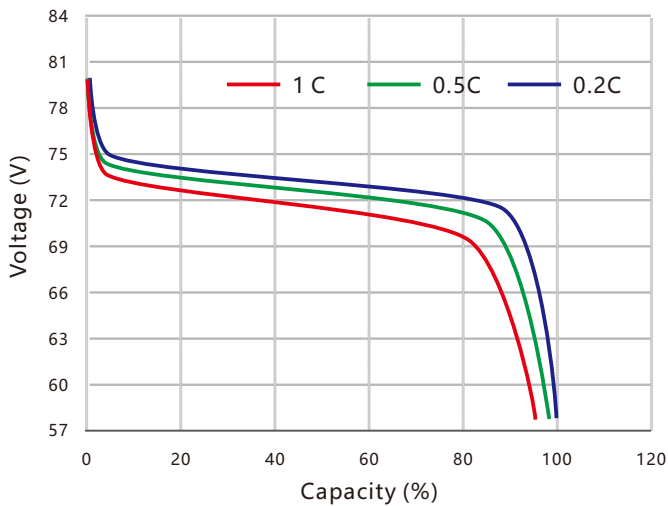
Mechanical Characteristics

| | |
|--------|-------|
| Length | 213mm |
| Width | 163mm |
| Height | 356mm |
| Weight | 20Kg |

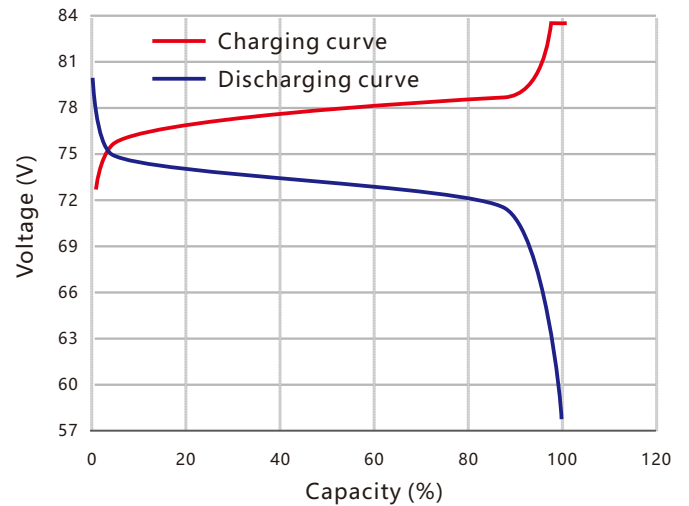
Operating Conditions

| | |
|-----------------------|-------------------------------|
| Charge Temperature | 0°C~45°C (32°F to 113°F) |
| Discharge Temperature | -20°C to 60°C (-4°F to 140°F) |
| Storage Temperature | 0°C to 45°C (32°F to 113°F) |
| Safety Standard | UL 1642 at cell level |
| Water Dust Resistance | IP65 |

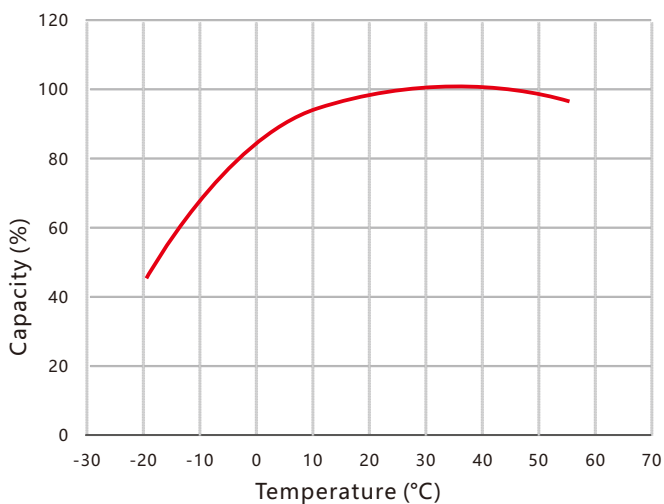
Rating performance @25°C



Discharge and charge @25°C, 0.2C



Capacity under different Temp.



Cycle life under different Temp.

