



Lithium iron phosphate battery cell

IFP71173204-314Ah

Cell Specification

Nominal Capacity (10Hr) 314Ah
 Nominal energy 1004.8Wh

| | | |
|-----------|--------------------------|-------------|
| Dimension | thickness | 71.0±0.8mm |
| | width | 173.9±0.5mm |
| | Height (without poles) | 204.0±0.5mm |
| | Height (including poles) | 207.3±0.5mm |
| Weight | 5.6± 0.1Kg | |

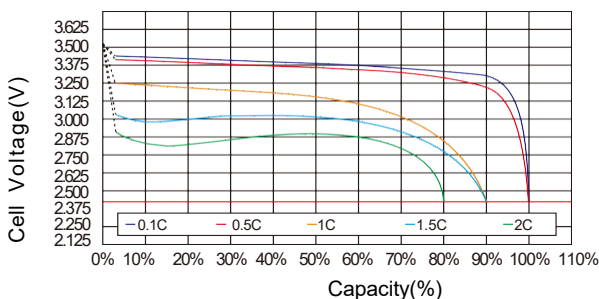


Performance parameters

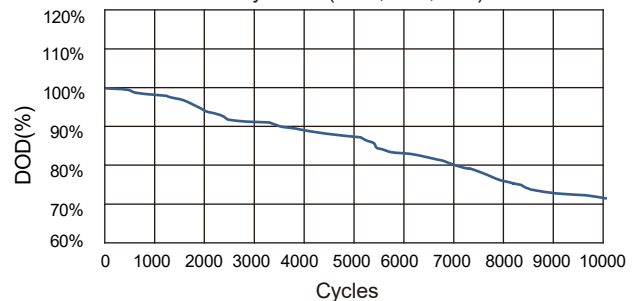
| | |
|--|--|
| Nominal voltage | 3.2V |
| Operation voltage | 2.5~3.65V |
| Standard charge Current | 0.5C |
| Standard discharge current | 0.5C |
| Maximum discharge current (continuous) | 1.0C |
| Discharge cut - off voltage | 2.5V |
| Operating temperature (charging) | 0~60°C, 0~131 °F |
| Operating temperature (discharging) | -20~60°C, -4~140 °F |
| Cycle performance | ≥6000Cycles (25°C, 77 °F, 80% nominal capacity) |

Curve Specification

Discharge Characteristics (25°C, 77 °F)



Cycle life (0.5C, 25°C, 77°F)



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