



Lithium iron phosphate battery cell

IFP50160118-100Ah

Cell Specification

Nominal Capacity (10Hr) 100Ah
 Nominal energy 320Wh

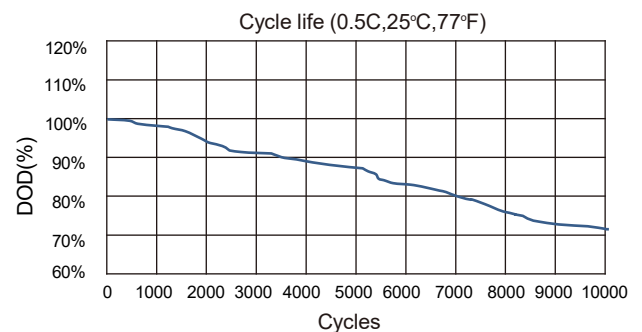
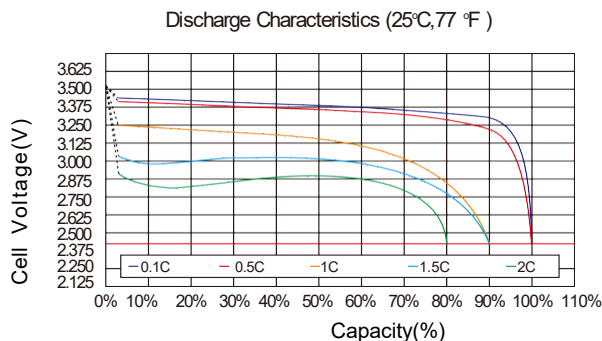
| | | |
|-----------|--------------------------|-------------|
| Dimension | thickness | 50.0±0.5mm |
| | width | 160.1±0.5mm |
| | Height (without poles) | 116.0±0.5mm |
| | Height (including poles) | 118.5±0.5mm |
| Weight | 2.0± 0.1Kg | |



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



ZAFER ENERGYSYSTEMS IND. & FOREIGN TRADE CO. LTD.

Head Office

BEYLIKDUZU O.S.B MERMERCILER SAN SIT. 9. CAD. NO:18 BEYLIKDUZU/ISTANBUL

TEL : +90(212)632 7775

FAX : +90(212)632 0587

WEB : <http://www.zaferenergy.com>