

Battery Cell

LF75K



Product Overview

The iron phosphate lithium cell, renowned for its high safety, environmental friendliness, and long lifespan, can withstand more than 6000 cycles.



High safety



Long cycle life



Wide operating temperature range



Model	LF75K
Cell specifications	3.2V/75Ah
Rated charge and discharge energy	240Wh
Nominal Voltage	3.2V
Nominal Capacity	75Ah
Quality	1.80±0.10kg
Dimensions	220mm x 135mm x 29mm
Internal resistance	≤0.6mΩ
Nominal charge/discharge current	37.5A/75.0A(0.5C/1.0C)
Maximum charge/discharge current	75.0A/150.0A(1.0C/2.0C)
Charge cut-off voltage	3.65V
Charge cut-off voltage	2.50V
Energy density	≥133Wh/kg
Monthly self-discharge rate	≤3%/month
Operating Temperature for Discharge	-20°C~55°C
Operating Temperature for Charge	0°C-55°C
Cycle life	≥ 6000 cycles (0.5C, 25 ° C, 3000 ± 200 N clamp force)
Certification & Safety Standards	UL1973, TUV(IEC62619), MSDS, UN38.3, CCS,GB/T36276