

LFP V12-75 (12.8V 75Ah)



Item Code: LFP V12-075 T6
 EAN: 8717101001073

Specifications

Nominal Voltage	12.8V	
Approx. Weight	8.0 ± 0.3 Kg	17.64 ± 0.66 lbs
Container Material	ABS	
Cell Type-Chemistry	LiFePO4 Cylindrical cell	
Rated Capacity (25 ° C)	75.0Ah	5hr, 15.00A, 1.75V/cell
Energy	960.0Wh	
Internal Resistance	≤10.0m Ω	
Efficiency	80%	
Cycle Life 0.2C	>2000 cycles >3000 cycles >4000 cycles	100% D.O.D. 90% D.O.D. 80% D.O.D.
Bluetooth	No	

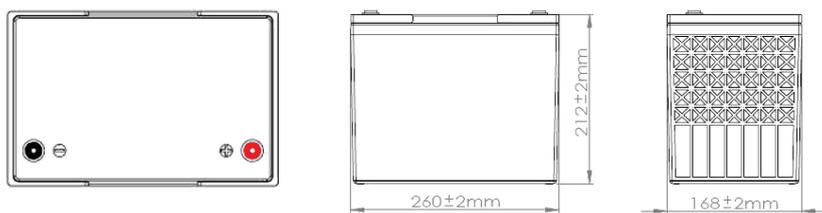


Certificates/ standards

- CE Certified

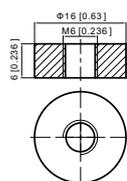
Dimensions

Layout



Length	260 mm
Width	168 mm
Container Height	212 mm
Total Height	212 mm

Terminal



Terminal	T6
Layout	1



Discharge Parameters

Continuous Discharge Current	100A
Pulse Discharge Current	410A (>2.0 seconds)
Recommended Volt. Disconnect	10V
BMS Discharge Cut-off Voltage	8.8V
Reconnect Voltage	10.8V

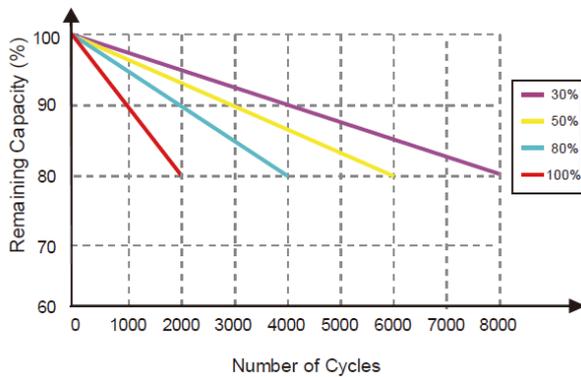
Charge Parameters

Charge Method	CC - CV
Charge Voltage	14.6
Recommended Charge Current	≤75.0A
Maximum Charge Current	100A
BMS Charge Cut-off Voltage	15.0V

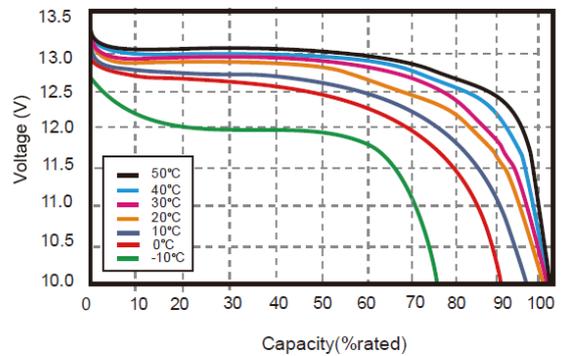
Temperature Parameters

Recommended Discharge Temperature	-20°C to 60°C
Limit Discharge Temperature	-20°C to 65°C
Recommended Charge Temperature	0°C to 45°C
Limit Charge Temperature	0°C to 60°C
Storage Temperature range	0°C to 40°C
Recommended long-term storage	15°C to 25°C
BMS High Temperature Cutt-off	65°C

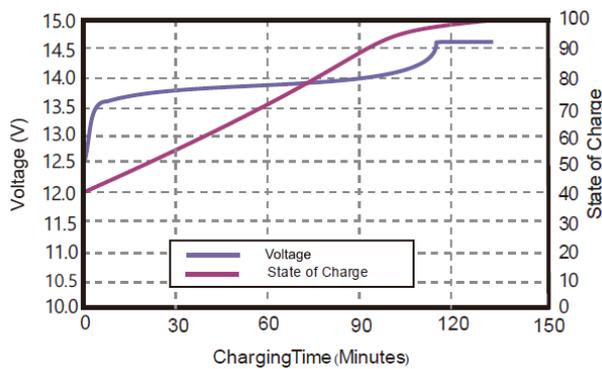
Discharge 0.1, 25°C Cycle Life vs Depth of Discharge (DOD)



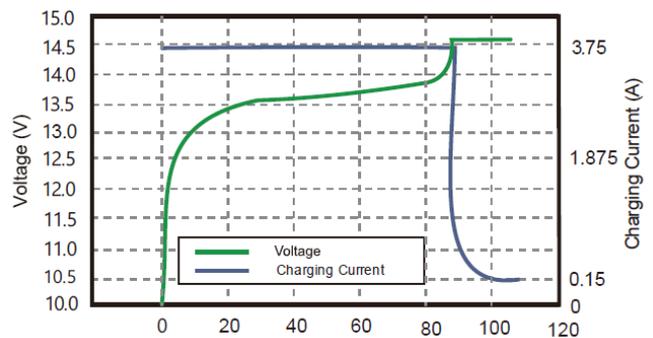
Discharge 1C Discharge Capacity at Various



0.5C, 25 °C State of Charge



0.5C, 25 °C Charging Characteristics



(Note) All above information shall be changed without prior notice, Landport Batteries reserves the right to explain and update the latest information.