



LFP POW12-22 (12.8V 22Ah)

Specifications

Nominal Voltage	12.8V
Rated Capacity (10HR)	22Ah
Weight	2.9 kg
Energy	281.6 Wh
Cycle Life	>4000 cycles @0.2C, 25°C, 80% DOD
Dimensions	Length 165 mm
	Width 125 mm
	Container Height 121 mm
	Total Height 121 mm
Terminal Type	T bar
Battery Housing	ABS
Cell Type-Chemistry	LiFePO4 Cylindric Cell
Protection	Over charge, Over Discharge, Over Temperature, Over Current, Short Circuit

Performance

- Long Cycle Life>4000 cycles @80% DOD.
- High Density, High Discharge Current, High Temperature Range.
- Low Weight, Free Maintenance.
- Fast Charging.
- Environment Friendly.



Description and Features

The LFP series is full-fledged lead acid battery replacement with all the advantages of LiFePO4 technology. This lithium battery ensures maximum safety and long service life even with regular deep discharge.

Features

- Excellent performance
- Long cycle life
- Safest lithium technology (LiFePO4)
- USB port
- Replacement for cyclic lead acid batteries

Discharge Parameters

Max Continuous Discharge Current	22A
BMS Discharge Cut-off Voltage	10.0V

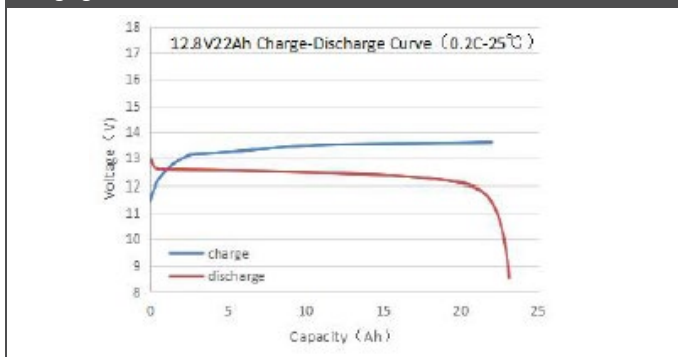
Charge Parameters

Charge Method	CC-CV
Charge Voltage	14.6±0.05V
Recommended Charge Current	4A
Maximum Charge Current	4A

Temperature Parameters

Discharge Temperature	-20 to +55 °C (-4 to +131 °F)
Charge Temperature	0 to +50 °C (32 to +122 °F)

Charging Characteristics @ 0.5C, 25°C



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