

LiFePO4 BATTERY SNL 24V125



Sentry Lithium Specification Sheet

The Sentry Lithium 24V range has been specifically designed for replacement of similar size Lead acid batteries. The family is comprised of the popular sizes found in the lead acid range but with the added benefits of Lithium Iron Phosphate (LiFePO4) technology and is ideally suited to deep cycle longer run time applications.

Features & Benefits

- Large number of cycles >2000 (100% DoD)**
 Up to 8 times cycle life of SLA lowering your total cost of ownership
- Safe and stable chemistry & Integrated BMS**
 The use of LiFePO4 along with the integrated BMS ensures protection against over charge / discharge, temperature and short circuit providing the highest degree of safety
- Greater capacity utilisation - 60% more than SLA**
 Gives longer runtime than equivalent SLA
- High energy density (less than half of the weight of SLA)**
 Lowering total weight of application
- Fast recharge**
 Battery is charged and ready to be used sooner
- Flat Discharge Curve**
 Longer run time & more efficient use of capacity
- Extremely low self-discharge rate**
 Can sit unused for longer periods of time
- UL1642 at cell level**

Nominal Voltage	25.6v
Nominal Capacity (25°C, 0.33C)	125Ah
Terminal	M8
Length (mm)	518 ± 3mm
Width (mm)	271 ± 3mm
Height (mm)	222 ± 3mm
Weight	32.2kg
Max Charge Voltage	29.2 ± 0.2V
Standby	27.6 ± 0.2V
Cut off Voltage	18.4V
Max. Discharge Current (30 mins)	100A
Max. Pulse Discharge Current (3 Sec)	350A
Max. Charge Current	100A
Recommended Current Charge	≤ 60A
Cycle Life (100% DoD)	≥ 2000
Operating Temp - Charge	0 - 50°C
Operating Temp - Discharge	-20 - 55°C
Short Circuit Release	30 Sec
Max. Series / Parallel Configuration	4P

Terminal M8 Insert

