



# LiFeBATT 12V 8Ah (Peli 1120) Sealed Battery System

June 2011

## Specifications:

Nominal Voltage:	13.2V
Nominal Capacity (C/1, 25°C):	8Ah
Weight (approximate):	2.1kg
Dimensions (Length x Width x Height):	206mm x 167mm x 90mm
Terminals:	M6 Gold Plated Bolt Hole
Internal Fuse:	90A (Electronic Reset)
Durability:	Low impact (Internal surrounding of 10mm high density foam.)

## Standard Discharge @ 25°C:

Max. Continuous Current:	10A (Connector Limited)
Max. 20 sec. Pulse:	30A (Connector Limited)
Cut-off Voltage:	10V

## Standard Charge:

Charge Voltage:	14.6V
Recommended Charge Current:	2.7A
Charge Time:	1.5 hours

## Resistance and Rates:

AC Internal Resistance @ 1kHz:	10.4mΩ (+/- 5%)
Self-Discharge Rate:	2% per Month

## General Features:

BMS Communication:	IC2 PC Data Communication (if required)
Balancing Current:	120mA @ 3.65V per cell
Internal Protection System:	Yes; Short Circuit, Over Current, Low Voltage, High Voltage & High Temperature Protection.

## Connector Specification:

Current Rating:	2 Pin 10A Continuous
Environmental Rating:	IP67

## Dimension drawing:



## Technical Support Information:

Email:	info@lifebatt.co.uk
Telephone:	+44 (0) 1702 527 883