



# LiFeBATT 48V 15Ah (Peli 1400) Sealed Battery System

June 2011

## Specifications:

Nominal Voltage:	52.8V
Nominal Capacity (C/1, 25°C):	15Ah
Weight (approximate):	11.9kg
Dimensions (Length x Width x Height):	339mm x 295mm 174mm
Terminals:	M6 Gold Plated Bolt Hole
Internal Fuse:	90A (Electronic Reset)
Durability:	Low impact (Internal surrounding of 10mm high density foam protection.)
Environmental Rating:	IP67

## Standard Discharge @ 25°C:

Max. Continuous Current:	10A (Connector Limited)
Max. 20 sec. Pulse:	30A (Connector Limited)
Cut-off Voltage:	40V

## Standard Charge:

Charge Voltage:	58.4V
Recommended Charge Current:	10A
Charge Time:	2 hours

## Resistance and Rates:

AC Internal Resistance @ 1kHz:	48mΩ (+/- 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 or IP44 as required

## Dimension drawing:



Please note: Also available in Black, Yellow, Red, Grey & Orange.

## Technical Support Information:

Email:	info@lifebatt.co.uk
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