



Super B Lithium batteries to perform better






SB12V13E-DC

This newly developed Lithium battery is designed to replace the much heavier 15 to 20 Ah lead/acid battery.

Safety

super B batteries are based on Lithium Iron Phosphate technology (LiFePO₄). This Lithium Ion technology used in super B batteries is the safest Lithium Ion technology available today. On top of that our bespoke casing and electronics further increase safety and durability.



-  **Recharges much faster**
-  **Longer service life**
-  **Only 1/3 of the size**
-  **Weighs less**
-  **Low self discharge**
-  **High temperature starting**

Technical specifications SB12V13E-DC

| | |
|---------------------|------------------|
| SKU/EAN13 | 8718531360136 |
| Battery Designation | 4IFP83/121/125-4 |
| Height (mm) | 124,00 / 124,50 |
| Diameter (mm) | NA |
| Width (mm) | 119,50 / 120,50 |
| Thickness (mm) | 81,50 / 82,50 |
| Nominal voltage (V) | 12,8V |

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| | |
|--|---------------------|
| Charge method | CCCV |
| End of charge voltage (V) | 16,4V |
| End of charge voltage (V) for endurance (cycle life) | 14,6V |
| Charge current (A) | 12,8A (1C) |
| Charge current (A) for endurance (cycle life) | 6,4A (C2) |
| End-of-discharge voltage (V) | 8V |
| ?End-of-discharge voltage (V) for endurance (cycle life) | 10V |
| Discharge current (A) | 48A (4C) |
| Discharge current (A) for endurance (cycle life) | 12,8A (1C) |
| Discharge pulse current (A) (10 seconds) | 112A (8C) |
| Discharge pulse current (A) (1 second) | 112A (8C) |
| Discharge performance at 20 °C (rated capacity) | 12,8Ah / 168,96Wh |
| Discharge performance at -20 °C (capacity) | 10,24Ah / 135,168Wh |
| High rate discharge performance at 20 °C (capacity) | 11,52Ah / 152,064Wh |
| EqPb (Equals Lead acid battery) | 15 to 20Ah |
| Operating temperature range (Charge) | -20°C to +60°C |
| Operating temperature range (Discharge) | -20°C to +60°C |
| Storage temperature range | -20°C to +60°C |
| Weight | 1,7kg |

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