



Super B Lithium batteries to perform better








SB12V15P-EC

Lightweight Lithium Ion starter battery, 5.5 lb / 2.5 kg, specially developed for racing cars up to 3 litre using alternator.

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**
-  **Incredible small size**
-  **Weighs less**
-  **Low self discharge**

Applications for SB12V15P-EC

| | | |
|-------------------|-------------------------|-------------------------|
| Indy Cars | LMS | Mini Challenge |
| Monoposto | Rally Cars | Radical |
| Sports 2000 Pinto | Group C Historic Sports | VdeV |
| WTCC | Ginetta | GT's |
| FF2000 | Ferrari Challenge | F3 |
| DTM | BTCC | Britsports |
| Britcar | ALMS | Australian V8 Supercars |

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Technical specifications SB12V15P-EC

| | |
|--|---------------------|
| SKU/EAN13 | 8718531360044 |
| Battery Designation | 4IFP83/121/182-6 |
| Height (mm) | 180,50 / 181,50 |
| Diameter (mm) | NA |
| Width (mm) | 119,50 / 120,50 |
| Thickness (mm) | 81,50 / 82,50 |
| Nominal voltage (V) | 13,2V |
| Charge method | CCCV |
| End of charge voltage (V) | 15,2V |
| End of charge voltage (V) for endurance (cycle life) | 14,4V |
| Charge current (A) | 60A (4C) |
| Charge current (A) for endurance (cycle life) | 18A (1C) |
| End-of-discharge voltage (V) | 8V |
| ?End-of-discharge voltage (V) for endurance (cycle life) | 10V |
| Discharge current (A) | 420A (30C) |
| Discharge current (A) for endurance (cycle life) | 13,8A (1C) |
| Discharge pulse current (A) (10 seconds) | 720A (52C) |
| Discharge pulse current (A) (1 second) | 900A (65C) |
| Discharge performance at 20 °C (rated capacity) | 13,8Ah / 182,16Wh |
| Discharge performance at -20 °C (capacity) | 12,42Ah / 163,944Wh |
| High rate discharge performance at 20 °C (capacity) | 13,11Ah / 173,052Wh |
| EqPb (Equals Lead acid battery) | 40 to 60Ah |
| Operating temperature range | -30°C to +60°C |



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Storage temperature range

-50°C to +60°C

Weight

2,5kg

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