

# SB12V7800P-CC

Lightweight Lithium Ion starter battery, 2.86 lb / 1.3 kg, specially developed for aircraft engines and big displacement motorcycles.

### 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.

### F.I.M. / Stock Racing

The F.I.M. modified the regulations for stock racing regarding battery use.
Article 2.7.9.5 Battery: The Battery may be replaced. If replaced, its nominal capacity must be equal to or higher than the Homologated type. The F.I.M. has approved the super B battery for use as replacement battery.

- **Recharges much faster**
- **Longer service life**
- **Incredible small size**
- **Weighs less**
- **Low self discharge**

## Applications for SB12V7800P-CC

| | | |
|---|---|---|
| MVAgusta | Ducati | up to 1500cc 4 stroke |
| BMW R1200 GS / RT | Rotax 912 S/ULS | Rotax 912 A/F/UL |
| Rotax 503 UL | | |



Diamantstraat 1e
7554 TA Hengelo
The Netherlands

T +31 (0)748200010
F +31 (0)74 8200011
E info@super-b.com

# Technical specifications SB12V7800P-CC

| | |
|---|---|
| SKU/EAN13 | 8718531360020 |
| Battery Designation | 4IFP83/121/99-3 |
| Height (mm) | 97,50 / 98,50 |
| 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) | 30A (4C) |
| Charge current (A) for endurance (cycle life) | 9A (1C) |
| End-of-discharge voltage (V) | 8V |
| ?End-of-discharge voltage (V) for endurance (cycle life) | 10V |
| Discharge current (A) | 210A (30C) |
| Discharge current (A) for endurance (cycle life) | 6,9A (1C) |
| Discharge pulse current (A) (10 seconds) | 360A (52C) |
| Discharge pulse current (A) (1 second) | 450A (65C) |
| Discharge performance at 20 °C (rated capacity) | 6,9Ah / 91,08Wh |
| Discharge performance at –20 °C (capacity) | 6,21Ah / 81,972Wh |
| High rate discharge performance at 20 °C (capacity) | 6,555Ah / 86,526Wh |
| EqPb (Equals Lead acid battery) | 12 to 20Ah |
| Operating temperature range | -30°C to +60°C |
| Storage temperature range | -50°C to +60°C |



Diamantstraat 1e
7554 TA Hengelo
The Netherlands

T +31 (0)748200010
F +31 (0)74 8200011
E info@super-b.com

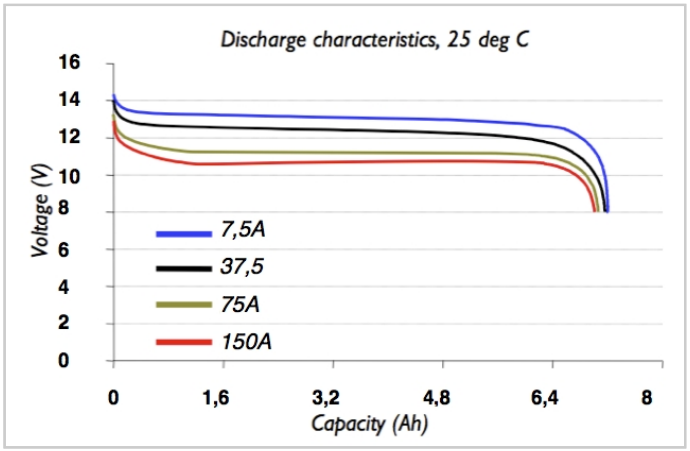
| | |
|---|---|
| Weight | 1,3kg |

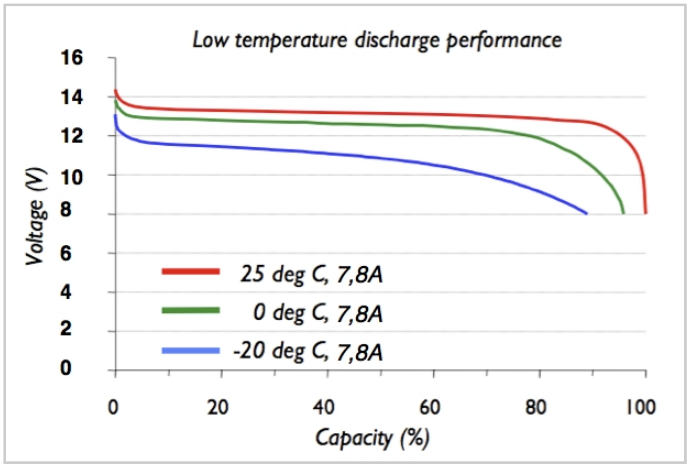


Diamantstraat 1e
7554 TA Hengelo
The Netherlands

T +31 (0)748200010
F +31 (0)74 8200011
E info@super-b.com

# Performance of the SB12V7800P-CC






Diamantstraat 1e
7554 TA Hengelo
The Netherlands

T +31 (0)748200010
F +31 (0)74 8200011
E info@super-b.com