# SB12V20P-SC

Lightweight Lithium Ion starter battery, 7.94 lb / 3.6 kg, specially developed for racing cars up to 4 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 SB12V20P-SC

| | | |
|---|---|---|
| DTM | Group C | WRC |
| BTCC | WTCC | NASCAR |
| LMS | GT's | GT Endurance |
| Dakar Rally Raid | Britsports | ALMS |
| 4x4 | | |



Diamantstraat 1e
7554 TA Hengelo
The Netherlands

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

# Technical specifications SB12V20P-SC

| | |
|---|---|
| SKU/EAN13 | 8718531360075 |
| Battery Designation | 4IFP97/250/142-8 |
| Height (mm) | 140,30 / 141,30 |
| Diameter (mm) | NA |
| Width (mm) | 248,35 / 249,35 |
| Thickness (mm) | 95,25 / 96,25 |
| 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) | 80A (4C) |
| Charge current (A) for endurance (cycle life) | 24A (1C) |
| End-of-discharge voltage (V) | 8V |
| ?End-of-discharge voltage (V) for endurance (cycle life) | 10V |
| Discharge current (A) | 560A (30C) |
| Discharge current (A) for endurance (cycle life) | 18,4A (1C) |
| Discharge pulse current (A) (10 seconds) | 960A (52C) |
| Discharge pulse current (A) (1 second) | 1200A (65C) |
| Discharge performance at 20 °C (rated capacity) | 18,4Ah / 242,88Wh |
| Discharge performance at –20 °C (capacity) | 16,56Ah / 218,592Wh |
| High rate discharge performance at 20 °C (capacity) | 17,48Ah / 230,736Wh |
| EqPb (Equals Lead acid battery) | 70 to 100Ah |
| Operating temperature range | -30°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

| | |
|---|---|
| Storage temperature range | -50°C to +60°C |
| Weight | 3,6kg |



Diamantstraat 1e
7554 TA Hengelo
The Netherlands

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