



## SB12V25P-SC

Lightweight Lithium Ion starter battery, 9,26 lb / 4.2 kg, specially developed for motorsport.

### Safety






Super B batteries are based on Lithium Iron Phosphate technology (LiFePO<sub>4</sub>). 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.

### Use

Please take these advices into account while using the battery.

1. Do not jumpstart.
2. Use correct charger.
3. Make sure the battery does not get deeply discharged. If the battery has no charge remaining when you check it, consider it to be damaged. Do not attempt to recharge or use it.
4. This battery is specially developed for motorsport. If you want to use it on road, please consult Super B.



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

## Applications for SB12V25P-SC

DTM	Group C	WRC
BTCC	WTCC	NASCAR
LMS	GT's	GT Endurance
Dakar Rally Raid	Britcar	ALMS

Be in charge. **Super B**

## Technical specifications SB12V25P-SC

SKU/EAN13	8718531360082
Battery Designation	4IFP97/250/142-10
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)	100A (4C)
Charge current (A) for endurance (cycle life)	30A (1C)
End-of-discharge voltage (V)	8V
?End-of-discharge voltage (V) for endurance (cycle life)	10V
Discharge current (A)	700A (30C)
Discharge current (A) for endurance (cycle life)	23A (1C)
Discharge pulse current (A) (10 seconds)	1200A (52C)
Discharge pulse current (A) (1 second)	1500A (65C)
Discharge performance at 20 °C (rated capacity)	23Ah / 303,6Wh
Discharge performance at -20 °C (capacity)	20,7Ah / 273,24Wh
High rate discharge performance at 20 °C (capacity)	21,85Ah / 288,42Wh
EqPb (Equals Lead acid battery)	100 to 130Ah
Operating temperature range	-30°C to +60°C



Be in charge. **Super B.**

Storage temperature range

-50°C to +60°C

Weight

4,2kg

Be in charge. **Super B**

Expolaan 50  
7556 BE Hengelo  
The Netherlands

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

## Performance of the SB12V25P-SC

