



Super B Lithium batteries to perform better



## SB12V10P-DC

Lightweight Lithium Ion starter battery, 3.75 lb / 1.7 kg, specially developed for Harley Davidson, custom built motorcycles and racing cars up to 2 litre without using alternator.






### 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.

### 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 SB12V10P-DC

F Jedi	F BMW	FF Duratec
FF Zetec	FF2000	F Vee
FF1600	Sports 2000 Duratec	F Renault
F Masters	BRC	Westfield
Lotus Elise Challenge	Caterhams	A1GP
Rotax 914 F/UL	Rotax 582 UL	

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## Technical specifications SB12V10P-DC

SKU/EAN13	8718531360037
Battery Designation	4IFP83/121/125-4
Height (mm)	123,50 / 124,50
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)	40A (4C)
Charge current (A) for endurance (cycle life)	12A (1C)
End-of-discharge voltage (V)	8V
?End-of-discharge voltage (V) for endurance (cycle life)	10V
Discharge current (A)	280A (30C)
Discharge current (A) for endurance (cycle life)	9,2A (1C)
Discharge pulse current (A) (10 seconds)	480A (52C)
Discharge pulse current (A) (1 second)	600A (65C)
Discharge performance at 20 °C (rated capacity)	9,2Ah / 121,44Wh
Discharge performance at -20 °C (capacity)	8,28Ah / 109,296Wh
High rate discharge performance at 20 °C (capacity)	8,74Ah / 115,368Wh
EqPb (Equals Lead acid battery)	20 to 32Ah
Operating temperature range	-30°C to +60°C



## Super B Lithium batteries to perform better

Storage temperature range	-50°C to +60°C
Weight	1,7kg

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## Performance of the SB12V10P-DC

