



Super B Lithium batteries to perform better



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		

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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



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Storage temperature range

-50°C to +60°C

Weight

1,3kg

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Performance of the SB12V7800P-CC

