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SB12V20P-FC

Super B

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SB12V20P-FC

Lightweight Lithium Ion starter battery, 7.05 lb / 3.2 kg kilogram, specially developed for Racing cars up to 4 Litre using alternator.

Safety

super B batteries are based on Lithium Iron Phosphate technology (LiFePO₄). This so called Lithium Ion technology as used in the super B batteries is the safest Lithium Ion technology today. On top of that our specially designed casing and electronics further increase safety and durability.



Recharges much faster Can be fully charged in 15 minutes	Longer service life An average of 2000 to 4000 charge / discharge cycles	Incredible small size 1/3 of the size of a conventional lead acid battery
Weighs less Up to 80% weight saving	Low self discharge Only 10% per year	High temperature starting High temperature operating range

Applications

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

Technical specifications

SKU/EAN13	8718531360051
Battery Designation	4IFP83/121/239-8
Height (mm)	237,50 / 238,50
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)	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
Storage temperature range	-50°C to +60°C
Weight	3,2kg