



Be in charge. **Super B.**



SB12V2600P-AC

Light-weight, high-performance, safe and reliable lithium-ion starter battery, especially developed for motorsports. This battery equals a lead acid battery of 5 to 7Ah, provided the alternator's maximum current doesn't exceed the battery's maximum charge capacity of 10A. Suitable for 12V systems and for use in extreme environments.

Lightweight power

With a weight of only 0,46kg or 1.01lb, the SB12V2600P-AC starter battery saves up to 80% in weight in comparison to traditional lead acid batteries and is only 1/3 of the size of a conventional battery. This improves not only the performance of your vehicle but also helps to increase the fuel economy.

The starter battery offers a high level of power, super-fast charging and a long, maintenance free service life. It also has a stable and flat discharge which means you have over 80% of the batteries capacity available and you can leave your vehicle unattended for a much longer period than with a lead acid battery.

Safety

Super B batteries are based on Lithium Iron Phosphate technology (LiFePO₄), the safest Lithium Ion technology available today. In addition to the safest and most reliable Lithium technology, Super B also developed bespoke casings and electronics to further increase safety and durability.

Environment

Super B batteries do not contain lead. The LiFePO₄ technology is an environmental-friendly energy storage solution.

3 years warranty

Super B's 3 year warranty offers the best peace of mind. It is the benefit of years of continuous engineering improvement and proven experience with all of our batteries in the harshest environments.

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.

About Super B

With our roots in motorsports, Super B has a history of over 10 years

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



Be in charge. **Super B.**



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



Be in charge. **Super B.**

Recharges much faster

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



Be in charge. **Super B.**



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



Be in charge. **Super B.**

Longer service life

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



Be in charge. **Super B.**



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



Be in charge. **Super B.**

Incredible small size

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



Be in charge. **Super B.**



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



Be in charge. **Super B.**

Weighs less

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



Be in charge. **Super B.**



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

Low self discharge**Technical specifications SB12V2600P-AC**

SKU/EAN13	8718531360006
Battery Designation	4IFpR27/66
Height (mm)	83,50 / 84,50
Diameter (mm)	NA
Width (mm)	113.50/114.50
Thickness (mm)	34,50 / 35,50
Energy (Wh)	31,775
Nominal voltage (V) at 50% SoC, 0.2C discharge	12.71
Charge method	CCCV
Charge voltage (V)	14,3...14,6
Max. charge current (A)	10
Rated capacity (Ah)	2,5
End-of-discharge voltage at max. 10C (V)	8



Be in charge. **Super B.**

Max. continuous discharge current (A)	40
Discharge pulse current (A) (1 second)	136A (54C)
EqPb (Equals Lead acid battery)	5 to 7Ah
Operating temperature range	-30°C to +55°C
Storage temperature range short term (1 month)	-20°C to +45°C
Storage temperature long term (>1 month)	-10°C to +25°C
Cycle life at 1C charge/discharge	>1000
Cycle life at C3 charge/discharge	>4000
Weight	0,460kg

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