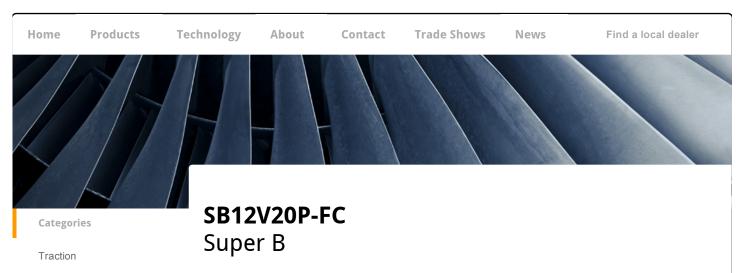
27/2/2016







# **Super B** Lithium batteries



Intro Features Applications Tech specs Downloads Datasheet

#### 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	Longer service life	Incredible small size  1/3 of the size of a conventional lead acid battery		
Can be fully charged in 15 minutes	An average of 2000 to 4000 charge / discharge cycles			
Weighs less	Low self discharge	High temperature starting		
Up to 80% weight saving	Only 10% per year	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 pulse current (A) (1 second)				
Discharge pulse current (A) (1 second)  Discharge performance at 20 °C (rated c	capacity)	18,4Ah / 242,88Wh	1	
		18,4Ah / 242,88Wh 16,56Ah / 218,592		
Discharge performance at 20 °C (rated o	city)		Wh	
Discharge performance at 20 °C (rated of Discharge performance at -20 °C (capacity)	city)	16,56Ah / 218,592	Wh	
Discharge performance at 20 °C (rated of Discharge performance at -20 °C (capacity High rate discharge performance at 20 °C)	city)	16,56Ah / 218,592 17,48Ah / 230,736	Wh	
Discharge performance at 20 °C (rated of Discharge performance at -20 °C (capacity)  High rate discharge performance at 20 °C (EqPb (Equals Lead acid battery)	city)	16,56Ah / 218,592 17,48Ah / 230,736 70 to 100Ah	Wh	

## **Related products**



### **Downloads**

Certificate_of_Compliance_SB12V20P-FC.pdf	PDF	84 KB	Download
CE_Declaration_of_Conformity_SB12V20P-FC.pdf	PDF	92 KB	Download
Material_Safety_Datasheet_190_002_3.pdf	PDF	150 KB	Download
Manual.pdf	PDF	209 KB	Download

# **Super B** Lithium batteries to perform better

About Super B

Home
All Products
Glossary
Accessories
Privacy policy
Automotive
Terms & Conditions
Aviation
Industrial
Contact
Marine
Renewable Energy

Become a dealer



**Product information** 

Frequently Asked Questions

Products

Find a local dealer

Newsletter

Enter your firstname

Enter your lastname

Please enter your e-mailaddress

Subscribe