



# **DATASHEET ANDRENA 12V15Ah**

Light-weight, high-performance, safe and reliable lithium power battery, especially developed for motorsports. This battery equals a lead-acid battery of 40 to 60Ah, provided the alternator's maximum current doesn't exceed the battery's maximum charge current of 52A. Designed in a standard rally casing. Suitable for 12V systems and for use in extreme environments.

### **LIGHTWEIGHT POWER**

With a weight of only 2.4kg /5.4lbs, the Andrena 12V15Ah power 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 power battery offers a high level of power, 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 compared to a lead-acid battery.



## **SAFE AND RELIABLE**

Super B batteries are based on lithium iron phosphate technology (LiFePO4). This is the safest lithium technology available today. On top of that our bespoke casing and electronics further increase safety and durability. Due to its high ingress protection class (IP69) the battery is completely dust tight and waterproof. Therefore the battery can be used in the most extreme environment as well.

## PERFORMANCE



charging

Fast

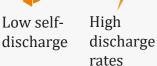


Long and maintenance free lifespan

Compact

size







Safest Lithium Iron Phosphate Technology

## **3-YEAR 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.



#### **ELECTRICAL SPECIFICATIONS**

Nominal Capacity	15Ah
Energy	192Wh
Nominal Voltage	12.8V
Open Circuit Voltage	13.2V
Self Discharge	<3% per Month
Cycle life	>1000 (at 10C discharge, 100% DoD)
EqPb (Equals lead-acid)	40 to 60Ah

#### **MECHANICAL SPECIFICATIONS**

Dimensions (LxWxH)	120 x 82 x 181mm 4.72" x 3.23" x 7.13"
Weight	2.4 kg / 5.4lbs
Case Material	PC - ABS
Ingress Protection	IP69
Cell Type / Chemistry	Cylindrical - LiFePO4

#### CHARGE & DISCHARGE SPECIFICATIONS

Charge Method	CCCV	
Charge Voltage	14.3V - 14.6V	
Max Charge Current	52A	
End of Discharge Voltage	8V	
Discharge Current Continuous	240A	
Discharge Pulse Current (1 sec)	708A (47C)	

#### **TEMPERATURE SPECIFICATIONS**

Charge Temperature	0°C to 55°C <sup>1</sup> 32°F to 131°F <sup>1</sup>
Discharge Temperature	-30°C to 55°C -22°F to 131°F
Storage Temperature	-40°C to 60°C -40°F to 160°F

#### **COMPLIANCE SPECIFICATIONS**

<b>GENERAL PRODUCT SPECIFICATIONS</b>			
FAN 42			

Certifications	CE, UN 38.3,	EAN-13	8718531360044
	UL 1642 (Cells)	Battery Designation	4IFpR27/66-6
Shipping Classification	UN 3480		

<sup>1</sup>Do not charge below 0°C / 32°F