

## WHY SUPER B?

### WORLD CLASS PARTNERS

With world-class customers like Morelo, Fendt, Carthago, Adria, Hobby, Westfalia, La Strada, Rapido, Eura Mobil, Phoenix and Pilote Super B's lithium batteries have been successfully used in RV industry for years.

### IN-DEPTH KNOWLEDGE

We work with the best lithium experts available and have in-depth knowledge of battery cells, materials, casings, battery management systems and applications.

### MADE IN THE NETHERLANDS

Super B demands the highest standards. We are unique in having our own production facilities, engineering-, testing and R&D department in the Netherlands.

### PROVEN EXPERIENCE SINCE 2007

Super B has proven its reliable performance in the field in many industries for over 10 years.

### HIGHEST QUALITY

Every Super B battery is produced with 100% focus on quality. We select and match all our A-grade battery cells upfront. Not one single battery will leave the factory before it has been thoroughly tested; intermediate and end of line. We offer safety, reliability and durability. Our batteries are certified (e.g. UN38.3) by notified bodies (e.g. TÜV, Dekra)

## ABOUT SUPER B

Super B develops and produces high-end lithium batteries for a number of industries and applications, ranging from power batteries for motorcycles and (race)cars to power solutions for recreational vehicles, marine, UPS and industrial markets.



## CONTACT US

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## RV BATTERIES



[www.super-b.com](http://www.super-b.com)

# PRODUCT RANGE

## RV BATTERIES

Product name	Rated capacity	Energy	Nominal voltage	Max charge current	Discharge current continuous	Discharge pulse current	Weight	Ingress Protection	Dimensions LxWxH
 Epsilon 12V100Ah	100Ah	1280Wh	12.8 V	90A	190A	300A (10 sec)	10.7 kg / 22.6 lbs	IP 56	278 x 175 x 190 mm (= DIN H6 / LN3)
 Epsilon 12V150Ah	150Ah	1920Wh	12.8V	135A	200A	350A (10 sec)	15.5 kg / 34.2 lbs	IP 56	353 x 175 x 190 mm (= DIN H8 / LN5)
 Nomia 12V210Ah	210Ah	2688Wh	12.8V	210A	500A	800A (10 sec)	23 kg / 50.7 lbs	IP 50	417 x 227 x 314 mm
 Nomia 12V340Ah	340Ah	4352Wh	12.8V	300A	300A	900A (30 sec)	33 kg / 72.7 lbs	IP 50	417 x 227 x 314 mm
 Nomada 12V105Ah (for systems only)	105Ah	1344Wh	12.8V	105A	105A	315A (30 sec)	10 kg / 22 lbs	IP 66	437 x 90 x 175 mm

## PERFORMANCE



Integrated BMS



Low self-discharge



Fast charging



Compact size



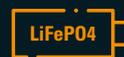
High and stable discharge currents



High capacity



Constant performance during lifetime (>10 years)



Safest lithium technology

## BENEFITS OF OUR LITHIUM CHEMISTRY COMPARED TO OTHERS

Battery chemistry	Energy density	Self-discharge	Lifetime	C-rate	Cycles	Safety	Initial costs	Total costs
Lead-acid	--	--	--	--	--	+	++	-
NiMH	-	-	+ -	-	-	+	+	+ -
NMC	++	+	+	+	+	--	+	+
LiFePO4	+	++	++	++	++	+	+ -	++

## THE LITHIUM DIFFERENCE

### HEAVY ON POWER. LIGHT ON WEIGHT.

Compared to lead-acid batteries lithium provides great energy density and are at least half the mass. Go for lithium if you want to reduce concerns about battery weight, performance and size.

### LONG LIFETIME. LOWER COSTS.

Lithium batteries operate ten times longer than lead-acid. Super B lithium batteries live up to 5000 cycles without decreasing in performance. Resulting on the long term in lower costs.

### QUICK AND EFFICIENT.

Lithium can charge and discharge at a high rate providing maximum versatility. Fast charging minimizes downtime, and lithium's high rate of discharge is perfect for a burst of power.

### LOW SELF-DISCHARGE.

Super B lithium batteries have a very low self-discharge rate; <3% per month. Compared to lead-acid this is 10 times lower.

### MAINTENANCE FREE.

Super B lithium batteries don't require active maintenance to extend their service life.



Find your dealer at [www.super-b.com](http://www.super-b.com)