

GA 112

ELECT
RICAL

LITHIUM BATTERIES



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

The F.I.M. modified the regulations for stock racing regarding battery use. Article 2.7.9.5 Battery: The Battery may be replaced. If replaced, its nominal capacity must be equal to or higher than the Homologated type. The F.I.M. has approved the super B battery for use as replacement battery.

Code	Capacity	Volt	Equals Lead acid battery	Description	Size (LxWxH)	Weight	EAN Code
958610000210	2,5 Ah	12	5 to 7 Ah	ANDRENA 12V2.5AH	114 x 32 x 84 mm	0,46 kg	8718531360006
958610000220	5 Ah	12	10 to 12 Ah	ANDRENA 12V5AH	114 x 62 x 84 mm	0,85 kg	8718531360013
958610000240	7,5 Ah	12	12 to 20 Ah	ANDRENA 12V7.5AH	120 x 82 x 98 mm	1,3 kg	8718531360020
958610000100	10 Ah	12	20 to 32 Ah	ANDRENA 12V10AH	120 x 82 x 124 mm	1,7 Kg	8718531360037
958610000110	15 Ah	12	40 to 60 Ah	ANDRENA 12V15AH	120 x 82 x 181 mm	2,4 kg	8718531360044
958610000490	15 Ah	12	40 to 60 Ah	ANDRENA 12V15AH-SC	249 x 96 x 141 mm	2,9 kg	8718531360068
900020000870	20 Ah	12	70 to 100 Ah	MASON 12V20AH	255 x 101 x 171 mm	4,6 Kg	8718531361812
958610000120	20 Ah	12	70 to 100 Ah	ANDRENA 12V20AH	120 x 82 x 238 mm	3,2 Kg	8718531360051
958610000510	20 Ah	12	70 to 100 Ah	ANDRENA 12V20AH-SC	249 x 96 x 141 mm	3,6 kg	8718531360075
900020000750	25 Ah	12	100 to 130 Ah	MASON 12V25AH	255 x 101 x 171 mm	5,2 Kg	8718531361775
958610000520	25 Ah	12	100 to 130 Ah	ANDRENA 12V25AH	249 x 96 x 141 mm	4,3 kg	8718531360082

LEAD-ACID BATTERIES



Ideal for ATVs, Motorcycles, Personal Watercraft & Snowmobiles the Deka Sports Power AGM Battery was designed for more than performance, it was designed for the enthusiast. Completely spillproof and season-to-season reliability means frequent replacement and high maintenance are over! The absorbed glass mat (AGM) technology increases power while improving rider and environmental safety. The key to this technology is the highly porous microfiber separators which completely absorb and trap the electrolyte. Molded top and side connection terminals provide versatility, increased strength and durability.

Code	Volt	Ah Rating	Size (LxWxH)	CCA at -18°C	Weight
ETX9	12	08 (10 HR)	150x88x106 mm	120	2,9 Kg
ETX12	12	10 (10 HR)	150x88x130 mm	180	4,3 Kg
ETX14	12	12 (10 HR)	150x88x145 mm	220	5,4 Kg
ETX15L	12	13 (10 HR)	143x90x166 mm	220	5,0 Kg
ETX20L	12	17,5 (10 HR)	177x88x155 mm	310	7,0 Kg
ETX16L	12	19 (10 HR)	175x100x155 mm	325	7,7 Kg
ETX18L	12	20 (10 HR)	206x91x163 mm	340	8,2 Kg
ETX30L	12	26 (10 HR)	165x128x177 mm	400	9,9 Kg



Constant pounding. Extreme Heat. High-revving, high-vibration, power-sapping engines. The demands of racing demand a battery that's up to the job. But one that's lightweight and compact so you don't give any advantage to the competition. The ODYSSEY Extreme Racing battery can handle it. Featuring rugged construction and packed tightly with pure lead plates, the non-spillable AGM design of the ODYSSEY Extreme Racing battery protects against the shock and vibration that can quickly destroy other batteries. And the pure lead plates mean more power - twice the overall power and three times the life of conventional batteries. The Odyssey Extreme Racing Battery is ideal for a complete range of racing applications:

- Automobiles
- Motorcycles
- ATV's
- Snowmobiles
- Racing Boats

Code	Volt	Ah Rating	Size (LxWxH)	CCA at -18°C	Weight
SBS25	12	16 (20 HR)	181,5x76,3x167,8 mm	170	7 Kg
PC925	12	28 (20 HR)	168x175x119 mm	330	10,8 Kg
SBS30	12	34 (20 HR)	250x97x156 mm	400	9,0 Kg
SBS40	12	45 (20 HR)	250x97x206 mm	500	12,5 Kg

CHARGERS



Chargers

Electronic battery charger professional 3-stage Output current from 1A to 100A, 230V power, bright display for displaying the state of charge, on-off switch, powder-painted metal shell.

Code	Description
CBWS1	Standard Battery charger



Chargers

Energy Flo Pro charger, designed for maximum ease of use: With small dimensions and a really advantageous price, it allows a safe and optimal recharging of the accumulators (free acid, gel, etc.) and guarantees a prolonged life with the maintenance function (ideal for use with prolonged parking of vehicles). Voltage: 12V - Charging current (max): 3.8A ± 10%

Code	Description
TCL001238	Standard Battery charger Energy Flow Pro



Chargers

OptiMate™ Lithium, the first OptiMate 5,6A/12.8V to protect your LiFePO4 battery in a way no other charger did before! The new OptiMate lithium will protect your investment and guarantee your Lithium Iron Phosphate (LiFePO4 / LFP) battery will perform as advertised for a very long time. With 6 Amps of charge current available OptiMate lithium unique multi step ampmatic™ program recharges and balances cells within the battery quickly and efficiently. OptiMate lithium's maintenance program delivers current to the vehicle circuitry, protecting and keeping the battery at 100% charge. OptiMate lithium – Battery Performance Guaranteed!

Code	Description
900000000410	SUPER B Optimate Lithium 5.6A/12.8V battery Charger

SWITCHES - BATTERY ISOLATORS - CONNECTORS



X-CLUB

The CARTEK Battery Isolator X-Club is designed to be cost effective option - optimised for race and rally cars running production based engines that are stock or mild tune, up to 3L capacity and maximum 6 cylinders. Improved performance and diagnostic features than previous generation GT and XR.

Typical Applications:
Mazda MX-5, Honda Civic Type R, Renault Clio, Ford Focus ST, VW Golf GTI, BMW 1,2,3 series, Formula Ford, bike-engined formula cars....

Not suitable for V8 engines nor Electric or Hybrid vehicles.

For further info visit www.gieffercing.com

Code	Type
CK-BXC-01	Unit only
CK-BXC-06-B	Kit + external switch blue
CK-BXC-06-R	Kit + external switch red
CK-BXC-06-X	Kit (no external switch)



GT

The GT Battery Isolator from CARTEK is a very small and highly reliable alternative to the traditional mechanical master-switch and has been designed to overcome all of the problems and restrictions associated with mechanical and electro/mechanical safety cut-outs. When fitted to a race car our Solid State Battery Isolator simultaneously isolates the battery and kills the engine immediately when triggered in accordance with FIA safety regulations.

This system has been designed to simplify installation thereby saving time and reducing build costs.

Code	Type
CK-BG-06-B	Kit + external switch blue
CK-BG-06-R	Kit + external switch red
CK-BG-06-RM	Kit + external metal switch red
CK-BG-06-X	Kit (no external switch)
CK-BG-06-Y	Kit + external switch yellow
CK-BT-02	Unit only



X-PRO

The CARTEK Battery Isolator X-PRO is designed for all race and rally car applications. This Battery Isolator can handle high cranking current and so is suitable for large capacity and highly tuned race engines including V8s. It also features adjustable current limit for the Engine Stop Output signal and a 4 pin sealed DT connector for easy installation.

Code	Type
CK-BXP-02	Unit only
CK-BXP-05-B	Kit + external switch blue
CK-BXP-05-R	Kit + external metal switch red
CK-BXP-05-X	Kit (no external switch)
CK-BXP-CC	Connector with fixing leads
CK-BXP-LF	Connector and crimps



6 POLE

Code	Type
N06	6 poles

BATTERY ISOLATORS



BUTTONS

For Cartek Battery Isolators

Code	Type
CK-CP-BL	Cap for external switch - blue
CK-CP-RD	Cap for external switch - red
CK-CP-YL	Cap for external switch - yellow
CK-EM-03	External - red metal
CK-EP-02	External - red
CK-LP-03	External - blue
CK-LT-01	Internal (GT/XR only)
CK-YP-04	External - yellow



STICKERS

Internal and External Safety Stickers for CARTEK Battery Isolators

Code	Type
CK-SS-03	Safety standard



Bipolar connectors

Pin connectors for auxiliary battery starter. Available in capacities 50A and 175A and in 2 colors

Code	Colour	Capacity
SB175-GREY	Gray	175 A
SB175-RED	Red	175 A
SB50-GREY	Gray	50 A
SB50-RED	Red	50 A



Switches

Code	Description
4542	Standard ignition switch



Switches

Code	Description
4546	Ignition push button switch



Switches

Code	Description
4547	Heavy Duty ignition switch

