



START BATTERIES

X Series- Xtra Power

Top performance, small weight!

12 V / 4.6 – 6.9 - 9.2 Ah

Ultralight starting batteries based on lithium iron phosphate technology. Specifically designed for high cranking current applications, such as start batteries in motorbikes, cars, jet sky, ATVs, Quads, vintage cars/motorbikes, ULMS and go-karts.

- Starts up 4 strokes engines Otto / Diesel
- Starts up 2 strokes engines Otto

This family of product is suitable for replacing all the Lead Acid battery type usually installed today without requiring any change to the vehicle electric system. Please check our online configurator to choose the right model for your application.

Exclusive features

- Weight reduction: 50% lighter than traditional batteries
- Ultra rapid complete charge: 100% in less than 30'
- Ultra rapid Partial charge: 50% in less than 10'
- Lowest self discharge rate: < 0,3 % daily
- Longer life cycle: 5 to 10 times higher than traditional batteries
- Fit any mounting position
- Very good behaviour at high temperature

Eco-compatible and safe

- Low impact materials
- No lead nor other materials
- No liquids inside
- Lithium Iron Phosphate cells make the accumulator safer
- Integrated electronics to protect from overload
- Robust ABS recyclable case

Quality

- QC on each piece for every step of the assembling process
- Robotized assembly
- Cutting edge last generation components

Certifications

- EMC compatibility [EN 61000-6-1, EN 61000-6-3]
- CE declaration
- ROHS compliant [2002/95/EC]
- Test IEC 62133 – Item 4.3.7

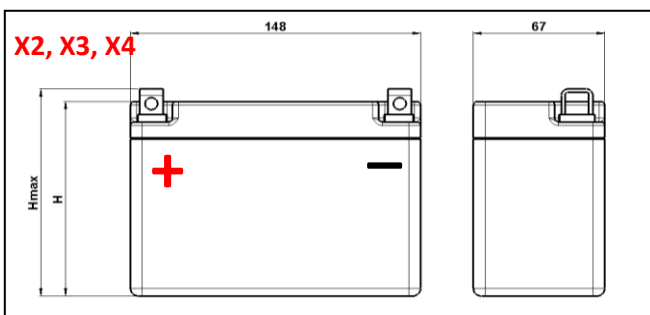
Wall charger (optional)

- Battery can be charged from grid using **ONLY** wall charger **Aliant™**

Find the right battery for your vehicle → www.go-aliant.com

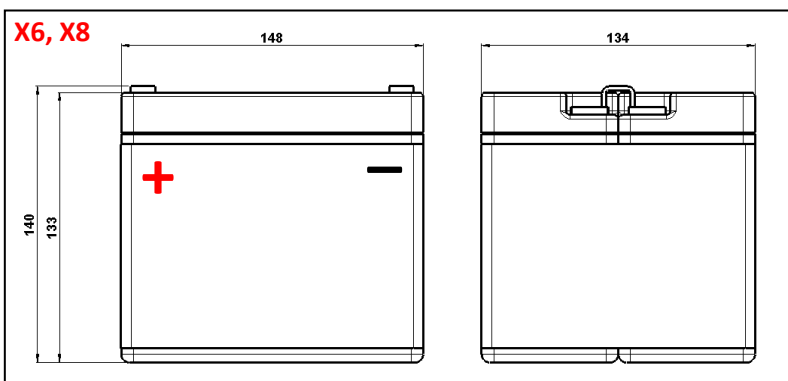
Specifications

Model	X2	X3	X4	X6	X8
Nominal Voltage	13,2 V				
Capacity	4,6 Ah	6,9 Ah	9,2 Ah	13,8 Ah	18,4 Ah
Pulse discharge current	240 A (10 s)	360 A (10 s)	480 A (10 s)	720 A (10 s)	960 A (10 s)
CCA Current	200 A	300 A	400 A	600 A	800 A
Continuous discharge current	140 A	210 A	280 A	420 A	560 A
Nominal charge current	6 A @ 25°C	9 A @ 25°C	12 A @ 25°C	18 A @ 25°C	24 A @ 25°C
Max charge current	10 A @ 25°C	15 A @ 25°C	20 A @ 25°C	30 A @ 25°C	40 A @ 25°C
N° cycles (charge 1C / discharge 10C)	1000 cycles @ 100% D.o.d. 2000 cycles @ 80% D.o.d.				
Life expectancy	Up to 5-7 years				
Charging voltage	14,4 V				
Max charging voltage	14,6 V				
Weight	≈ 0.88 Kg	≈ 1.25 Kg	≈ 1.62 Kg	≈ 2.50 Kg	≈ 3.24 Kg
Dimensions [mm]	L148 x P67 H85	L148 x P67 H112	L148 x P67 H140	L148 x P134 H140	L148 x P134 H140
Ambient temperature	-30°C / +60°C [operative and storage]				
Max altitude	5000 m				
Equivalent Lead Acid battery					
➤ Street Use	Up to 8 Ah	Up to 12 Ah	Up to 18 Ah	Up to 24 Ah	Up to 35 Ah
➤ Racing Use	Up to 12 Ah	Up to 18 Ah	Up to 24 Ah	Up to 30 Ah	Up to 50 Ah



Dimensions [mm]

Model	H	Hmax
X2	78	85
X3	105	112
X4	133	140



www.go-aliant.com

Aliant™ batteries must be charged exclusively with Aliant™ battery chargers; using other manufacturers' chargers will immediately invalidate the product warranty. Do not use battery maintainer with Aliant™ batteries. Do not short. **Read carefully User Manual before using the battery.** This datasheet may be changed by Elsa Solutions without notice. Aliant™ batteries are not homologated for regular road use in cars.