

YLP SERIES STARTER BATTERIES

Aliant quality best price!

12 V / 5 – 7 – 8 – 10 – 14 -18 - 24 Ah Pb.Eq.

Ultralight starter batteries based on safest lithium iron phosphate technology.

High performance at low temperature, long life and competitive prices make the new YLP Series the battery with the best quality price ratio currently in the market.

This ultracompact product line has been developed specifically for high cranking application such as motorcycles, ATV and Quad.

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

- Good behavior at high and **low temperature (test @ -18°C)**
- Up to **3000 charge/discharge cycles**
- Up to **12000 starts**
- Weight reduction: 50% lighter than traditional batteries
- Ultra rapid complete charge: 100% in less than 40'
- **Ultra rapid partial charge** in less than 2 minutes
- Lowest self discharge rate: < 0.05 % daily (battery disconnected)
- Longer life : 3 to 5 times higher than traditional batteries
- Fit any mounting position

Eco-compatible and safe

- Lithium iron phosphate cells make the accumulator safer
- **Active Balancing embedded control electronics with Microprocessor control**
- No liquids inside
- Low impact materials
- No lead nor other materials
- Robust ABS recyclable case

Qualità

- QC on each piece for every step of the assembling process
- **Assembled in Italy**
- Cutting edge last generation components

Certificazioni

- EMC Compatibility [EN 61000-6-1, EN 61000-6-3]
- CE declaration
- ROHS compliant [2002/95/EC]

Wall charger (optional)

- Battery can be charged from the grid using wall charger Aliant™ CB1203 / CB1210* or using a compatible battery charger / maintainer**

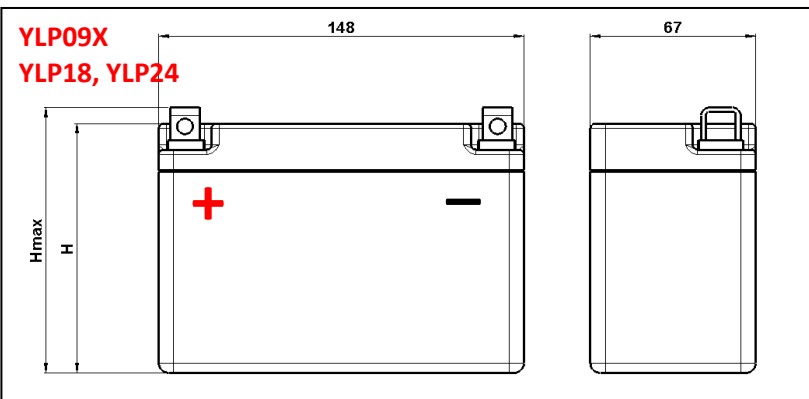


Find the right battery for your vehicle → www.go-aliant.com

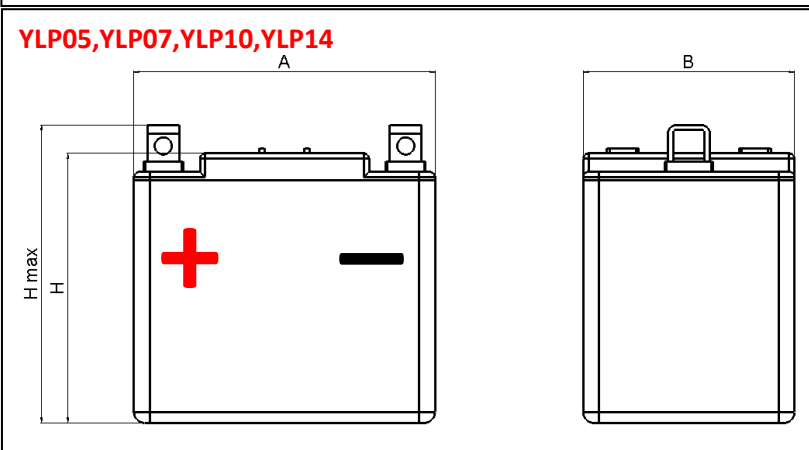
Specifications

Modello	YLP05	YLP07	YLP09X	YLP10	YLP14	YLP18	YLP24
Voltage	13,2 V						
PbEq Capacity	5 Ah	7 Ah	8 Ah	10 Ah	14 Ah	18 Ah	24 Ah
Current CA (23°C)	170 A	260 A	280 A	380 A	490 A	750 A	900 A
Current CCA (-18°C)	85 A	130 A	140 A	200 A	245 A	400 A	490 A
Max Charge Current	5 A	5 A	10 A	10 A	10 A	20 A	20 A
N° Cycles (23°C)	3000 cycles @ 70% D.o.d. (charge 1C / discharge 1C) 2000 cicli @ 80% D.o.d. (charge 1C / discharge 1C)						
N° Starters	Up to 12000						
Shelf Life	Up to 1 year without recharging						
Charging Voltage	14,4 V						
Max Charging Voltage	14,6 V						
Weight	≈ 430 g	≈ 450 g	≈ 800 g	≈ 740 g	≈ 760 g	≈ 1600 g	≈ 1650 g
Dimensions [mm]	L114 x P40 H90	L114 x P40 H90	L148 x P67 H85	L114 x P69 H90	L114 x P69 H90	L148 x P67 H140	L148 x P67 H140
Temperature	-30°C / +60°C [operative and storage]						

Dimensions [mm]



Model	H	Hmax	A	B
YLP05	90	98	114	40
YLP07	90	98	114	40
YLP09X	78	85	148	67
YLP10	90	98	114	69
YLP14	90	98	114	69
YLP18	133	140	148	67
YLP24	133	140	148	67



Numero Verde
800 132 166



www.go-aliant.com

*CB1203 compatible for all models. CB1210 only for YLP09X / YLP10 / YLP14 models.

** Check on the Aliant website list of the compatible battery chargers – www.go-aliant.com

The use of non compatible battery chargers / maintainers will immediately invalidate the product warranty and can immediately damage the Aliant batteries.

Do not short. Read carefully User Manual before using the battery.

This datasheet may be changed by ELSA Solutions without any notice. Aliant batteries are not homologated for regular road use in cars.