

YLP SERIES STARTER BATTERIES

Aliant quality best price!

12 V / from 5 to 30 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 ultra-compact product line has been developed specifically for high cracking application such as motorcycles, ATV and Quad.



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

- Lithium iron phosphate cells **LIFEPO4**
- **Active Balancing embedded control electronics with Microprocessor control**
- No liquids inside
- Low impact materials
- No lead nor other materials
- Robust ABS recyclable case

Quality

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

Certifications

- 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**



**STREET / CAFE RACER
TOURING / CUSTOM**



**OFFROAD / ENDURO
MAXIENDURO**





SCOOTERS / MOPEDS

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

Specifications

Model	YLP05B	YLP05	YLP07	YLP09X	YLP09B	YLP10	YLP12	YLP14	YLP18	YLP24	YLP30
Equivalent to	YTX5L-BS YTX4L-BS	YT4B-BS YTZ5S	YTZ7S YTZ6S YT6B-3 YT7B-BS YTX7A-BS YTX7L-BS	YTX9-BS YTR9-BS	YT9B-BS YT7B-BS	YTZ10S	YT12A-BS YT12B-BS	YT14B-BS YTX14-BS YTX14L-BS	YB16(L)-B YB18(L)-A YTX18(L)-BS 51913	YTX20(L)-BS YTX24HL-BS	YIX30L YIX30L-BS 53030 YB30L-B
Nominal voltage	12,8 - 13,2 V										
Eq. Pb capacity	5 Ah	5 Ah	7 Ah	8 Ah	9 Ah	10 Ah	12 Ah	14 Ah	18 Ah	24 Ah	30 Ah
CA (23°C)	160 A	170 A	260 A	280 A	280 A	380 A	440 A	490 A	750 A	900 A	950 A
CCA (-18°C)	80 A	85 A	130 A	140 A	140 A	200 A	220 A	245 A	400 A	490 A	520 A
Charge Current	5 A	5 A	5 A	5 A	5 A	10 A	10 A	10 A	20 A	20 A	20 A
Life(23°C)	3000 cycles @ 70% D.o.d. (charge 1C / discharge 1C) 2000 cycles @ 80% D.o.d. (charge 1C / discharge 1C)										
Starts	Up to 12000 starts										
Shelf life	1 year @ 23°C without any load and with 80% of original performance										
Charge Voltage	14,4 V										
Max charge voltage	14,6 V										
Weight (g)	≈ 380	≈ 430	≈ 450	≈ 450	≈ 550	≈ 740	≈ 750	≈ 760	≈ 1600	≈ 1650	≈ 1700
Dimensions [mm]	W110xD 70xH80	W114 x D40 x H98			W150xD 65xH91	W114 x D69 x H98			W148 x D67 x H140		
Temperature	-30°C / +60°C [operative e storage]										

Dimensions [mm]

Model	Height	Terminal Max Height	Width	Depth	Terminal layout	
YLP05B	70	80	110	70	Positive on right side	
YLP05	90	98	114	40	Positive on left	
YLP07	90	98	114	40	Positive on left	
YLP09X	90	98	114	40	Positive on left	
YLP09B	80	91	150	65	Positive on left	
YLP10	90	98	114	69	Positive on left	
YLP12	90	98	114	69	Positive on left	
YLP14	90	98	114	69	Positive on left	
YLP18	133	140	148	67	Positive on left	
YLP24	133	140	148	67	Positive on left	
YLP30	133	140	148	67	Positive on left	

Numero Verde
800 132 166



#aliantinside
@aliantbattery

*CB1203 compatible for all models. CB1210 only for YLP10 / YLP12 / YLP14 / YLP18 / YLP24 / YLP30 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.