

LiFePO4 Battery Range Suggested Uses

Battery	Suggested engine size	Where typically used
PS-05	Up to 1000 cc	Motorcycles, ATV's, Quad Bikes, Buggies up to 1000 cc., Pit Equipment, Go Karts.
PS-09	Up to 1600 cc	Single seaters up to 1600 cc, total loss systems for shorter sprint races, i.e., Formula Ford Kent. Small hill climb and sprint cars up to 1600 cc. Formula students and bike engined racers.
PS-12	Up to 1800 cc	Single seaters up to 1800 cc, total loss systems for shorter sprint races, i.e., Formula Ford Kent. Saloon racers up to 1300 cc using alternator i.e., FIA Mini Cooper S, Mini 7, Mini Miglia, small hot hatch. Sprint and Hillclimb cars total loss and alternator. Caterham, Westfield, GBS / LoCost etc. with standard electronics.
PS-20	Up to 2000 cc	Larger single seaters up to 2000 cc using alternator. Up to 2000 cc total loss systems for shorter sprint races i.e., FF2000. Larger hot hatches i.e., Clio / BMW Mini etc. Saloon and sports cars using alternator up to 2500 cc. Rally cars up to 1600 cc. Caterham, Westfield etc. with more complex electronics, ecu's etc. Historics up to 2000 cc i.e., Lotus Cortina, Alfa Junior etc.
PS-30	Up to 3500 cc	Larger sports and saloon race cars up to 3500cc, touring cars, drift cars. Time attack, Rally cars, Off road 4x4. Larger Historics for endurance i.e., E-type Jaguars, Cobras, Rover Sd1, Gp1 Capri etc.

This guide is for reference only, please enquire for any specific recommendations. If possible, let us know what current draw the vehicle will take from the battery and list all electrical 'extras', i.e., heated screen, spot lamp pods, ECU's etc.

Very Important - The PS series of LiFePO4 Lithium batteries from Powerlite are designed for use on vehicles with 'cut off' master switches to isolate the battery when not in use. Not suitable for vehicles that have a constant drain such as immobilisers, clocks & alarms etc.

Always use the lithium ion charger supplied with the battery - other proprietary chargers can be used, but must be specific lithium ion chargers!

For maximum efficiency, we recommend using a High Torque Starter Motor. This will significantly reduce current draw and enhance starting performance.

Please always check cables and terminals before fitting and follow the instructions included with each battery.

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