Power Sonic’s PSL series of LiFePO4 batteries have been designed and developed to provide a lighter, higher power and longer life solution to lead acid batteries.

LiFePO4 batteries last longer and can produce 10 times the number of cycles than a typical lead acid battery. At only 40% of the weight of the equivalent lead acid battery our LiFePO4 range is ideal for those applications that need to be lighter and more mobile but deliver the same power.

LiFePO4 is much safer than other lithium technologies, and reduces the risk of explosion or combustion due to high impact, over-charging or short circuit situations. Not only will they not catch fire, but the “dry cell” construction of LiFePO4 batteries eliminates the use of poisonous lead and harmful sulphuric acid. They can be mounted in any direction, and will never leak acid.
**PCM FEATURES**

- Balancing function for cells
- Over-current protection
- Over-voltage protection
- Over-discharge protection
- Short-circuit protection

**BATTERY FEATURES**

- High performance LiFePO4 battery
- Compact and only 40% of the weight of comparable lead acid battery
- Up to 10 times more cycles than lead acid batteries
- Faster charging and lower self-discharge
- Delivers twice the power of lead acid batteries, even high discharge rate, while maintaining high energy capacity
- Super safe chemistry reducing the risk of explosion or combustion due to high impact, over-charging or short circuit situation
- Rugged impact resistant ABS case and cover flame retardant to UL94 V0

**PHYSICAL DIMENSIONS: inch (mm)**

Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

**TERMINALS: (mm)**

- M5 Threaded insert w. 5 mm stud fastener
- M6

**SPECIFICATIONS**

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<th>Dimensions: mm (mm)</th>
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**FURTHER INFORMATION**

Please refer to our website [www.power-sonic.com](http://www.power-sonic.com) for a complete range of useful downloads, such as product catalogs, material safety data sheets (MSDS), ISO certification, etc.