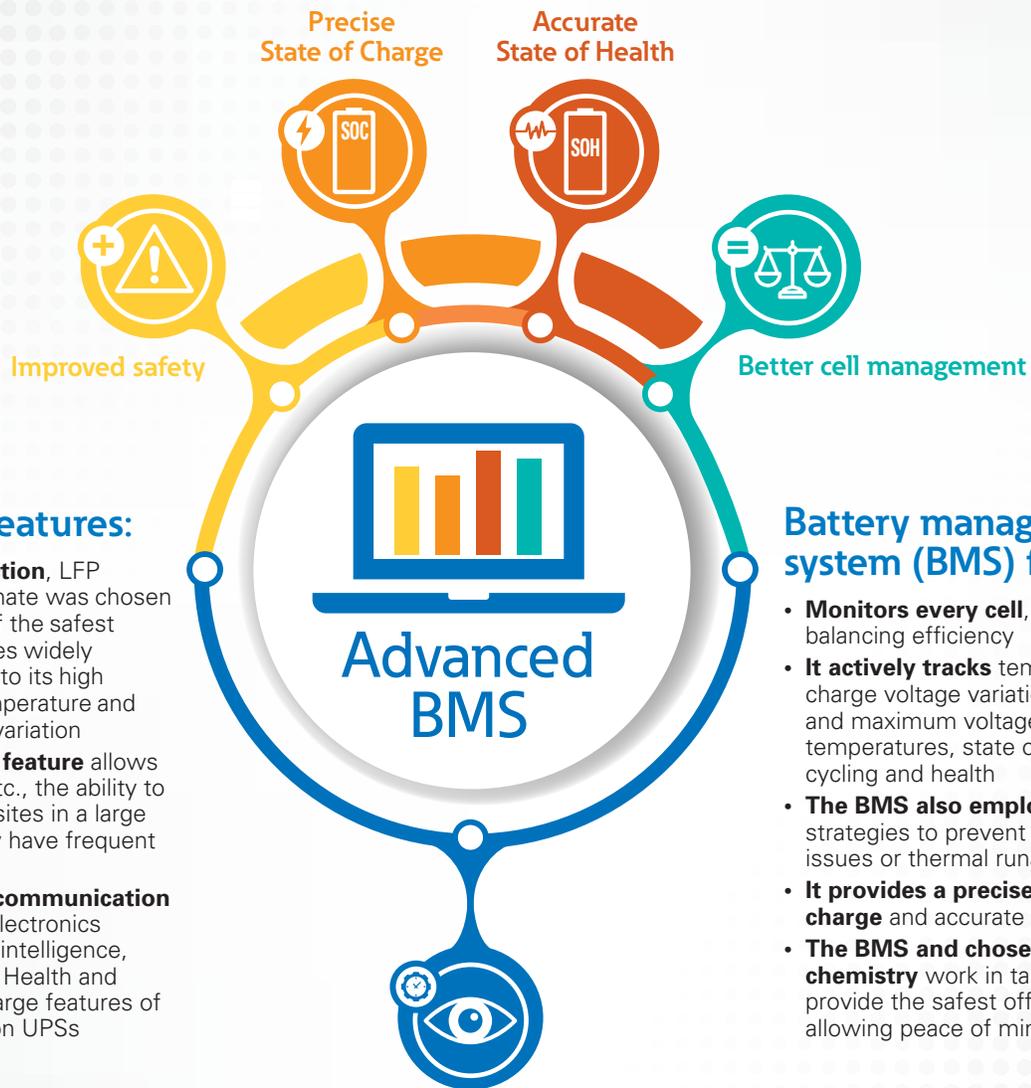


Battery pack and BMS

Monitor • Manage • Protect



Battery pack features:

- **For Chemistry selection**, LFP or lithium iron phosphate was chosen due to it being one of the safest lithium-ion chemistries widely available. This is due to its high thermal runaway temperature and tolerance to voltage variation
- **The State of Health feature** allows managers, IT staff, etc., the ability to help identify trouble sites in a large deployment that may have frequent battery cycling, etc.
- **The battery pack's communication feature** to the UPS electronics increases safety and intelligence, enabling the State of Health and accurate State of Charge features of 5P and 9PX lithium-ion UPSs

Battery management system (BMS) features:

- **Monitors every cell**, improving cell balancing efficiency
- **It actively tracks** temperature and charge voltage variation, minimum and maximum voltages, multiple temperatures, state of charge, cycling and health
- **The BMS also employs** various strategies to prevent battery safety issues or thermal runaway
- **It provides a precise state of charge** and accurate state of health
- **The BMS and chosen LFP chemistry** work in tandem to provide the safest offering and allowing peace of mind!



For more information on Eaton's single-phase lithium-ion UPSs, visit

[Eaton.com/5P](https://www.eaton.com/5P)
[Eaton.com/9PX](https://www.eaton.com/9PX)