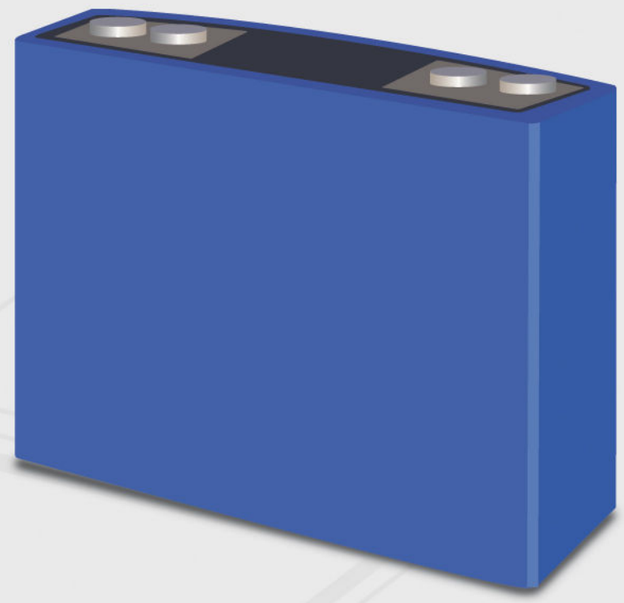
BATTLE BORN®
BATTERIES

CYLINDRICAL VS PRISMATIC LiFePO$_4$ BATTERY CELLS



CYLINDRICAL CELLS

- ✓ Allows for passive cooling, ensuring better distribution of heat and minimizing the risk of hot spots.
- ✓ The shape of cylindrical cells enables even distribution of both the electrolyte and internal pressure, resulting in a lower probability of leaks or bloating of the cell.
- ✓ If one cell malfunctions, it does not affect the rest of the cells or the pack's structure.

PRISMATIC CELLS

- ✗ Susceptible to hot spots due to limited gaps allowing heat dissipation.
- ✗ Prismatic cells have pointed corners that may experience more stress, they can become weak if not adequately enclosed and protected.
- ✗ If one cell malfunctions in prismatic cells, it can affect the entire battery pack.