



# Lifepo4 battery cabinet

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1. **Flashing-Fast Grid Transitions:** Simple switch between on-grid and off-grid modes in a blink, thanks to a blazing-fast switching time of merely 0.02 seconds. Say goodbye to power interruptions during crucial transitions.
2. **Advanced Fire Safety Measures:** Safeguarding your assets is paramount, which is why our battery boasts a cutting-edge 5-in-1 fire detection system. From smoke to heat, it's equipped to detect and alert, ensuring early intervention and bolstering overall safety.
3. **Scalability Redefined:** Scale up your energy storage capabilities with ease. Our battery supports a whopping 24 parallel connections, offering unparalleled scalability to meet the ever-growing demands of your energy infrastructure.
4. **Efficiency Unleashed:** Efficiency isn't just a buzzword; it's our mantra. With a stellar maximum cycle efficiency of 93%, our battery optimizes energy utilization like never before, minimizing waste and maximizing your system's performance.
5. **Power to the Max:** Need power in a pinch? Look no further. Our battery boasts an impressive maximum discharge current of 160A, delivering ample power for even the most demanding applications and sudden energy surges.
6. **Endless Possibilities:** From grid stabilization to peak shaving, backup power to renewable energy integration, the ESS-100-215kWh battery is your all-in-one solution for a myriad of applications. Versatility meets reliability, ensuring your energy needs are not just met, but exceeded.

From research to manufacturing and sales, we set the pace. We have some of the brightest minds working on developing and producing our batteries; Our battery solutions are widely applied in ESS batteries, mobility battery etc.



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