



NEW PRODUCT INTRODUCTION

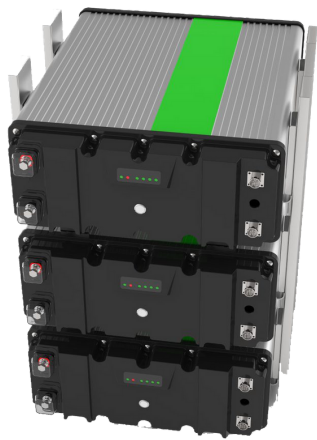
eFlex 5.4 is Built with the Highest Quality Standard!

Waterproof and Saltwater Resistant Aluminum Enclosure

The eFlex 5.4 comes with a light-weight Aluminum case, which is a popular choice for preventing salt-water corrosion, among various metal enclosures. Also, the slim-looking cabinet has an IP 65 waterproof rating. However, we still recommend that you place the unit in an indoor environment to obtain the 6000+ charge cycles.

Safe and reliable Prismatic Lithium Iron Phosphate (LFP; LiFePO4) cells

eFlex 5.4 is engineered with the advanced Lithium iron phosphate (LFP) technology, which provides the highest level of safety, thermal stability, and reliability. We selected Prismatic Cells over Cylindrical and Porch Cells for many good reasons. First, prismatic cells are more efficient and more robust; Second, they have the lowest degradation rate; Third, the prismatic cells have superior thermal stability due to their excellent heat dissipation characteristic.



STURDY RELAY-BASED BATTERY MANAGEMENT SYSTEM (BMS) CIRCUIT BOARD FOR FAST CHARGING/DISCHARGING.

Many other lithium batteries on the market use simple MOSFET based BMS, while eFlex unit uses our proprietary relay-based BMS. The sturdy BMS circuit board not only provides multi-level safety protection, but it also supports fast charging and discharging.

CLOSED-LOOP COMMUNICATION WITH INVERTERS/CHARGERS

Our engineers built the smartness into the BMS. It enables the BMS to report Voltage, Current, State-of-Charge (SoC) and temperature to the inverters/chargers. This closed-loop communication ensures your energy storage system works seamlessly.