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## Power Type Lithium Battery System

Provide more competitive battery solutions



High "energy" throughout the charging and discharging process

The power type lithium battery system selects the high rate Lithium iron phosphate battery with low internal resistance and low temperature rise, combined with the active balance BMS control technology and three-level safety protection measures, which has a strong explosive force while operating reliably, can achieve rapid charging and discharging with high rate, provide short-term high-power power supply for UPS, EPS, PCS, DC power supply and other loads, and become the "sprinter" of the battery system.

### Features

Strong explosive power

Strong high current discharge performance and sufficient explosive power;

High power density, capable of fast and high rate charging and discharging;

The discharge platform is wide and the output voltage is stable;

Safe and reliable

Low heat runaway Lithium iron phosphate material, high safety, high energy density;

Triple safety protection, with over 200 safety designs;

Multiple state monitoring and hierarchical linkage to improve the safety of the battery system;

Active balancing to overcome the impact of individual cell capacity on system capacity;

Cost optimization

Small size, light weight, saving space and installation costs;

High safety, low failure rate, and reduced operation and maintenance costs;

4000 cycle life, low cost per kilowatt hour;

Seamless switching to reduce economic losses caused by power outages;

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**Rates**

SPGL BEFS480V-19.1KWH-40Ah,400Kg

SPGL BEFS480V-38.4KWH-8Ah, 800Kg

SPGL BEFS480V-57.6KWH-120Ah, 600Kg

SPGL BEFS480V-76.8KWH-160Ah, 1000Kg

Electrical ambient temperature

0-55 °C

Discharge ambient temperature

-20~60 °C

Cycle life

25 °C 1C/1C 100% DOD

EOL 80% ≥ 3000 time sg