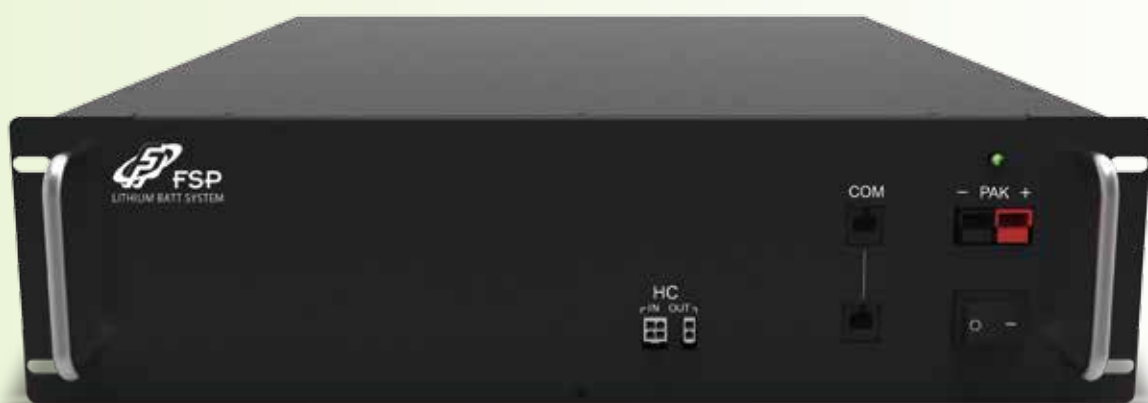


19" Rackable Li-Ion Battery



3U LiFePO4 Ion Rack



2U Li-Ion Battery Rack

19" Rackable Li-Ion Battery adopts highly reliable Lithium cells for long cycle life (2,000 life cycles) and consistent performances. The battery packs use advanced Battery Management System (BMS) to enhance system performance, prolong life and warrant safety.

19" Rackable Li-Ion Battery can meet different needs for energy capacity, and life cycle in industrial applications.

Applications

- Industrial backup power systems.
- Telecom, Data Center
- Uninterruptible Power Supply (UPS)
- Grid or renewable energy storage

Specifications

Model	BS4866FSP
Rated Voltage / Capacity	51.2V / 66Ah
Cell Type	LiFePO4 (66Ah single cell)
Rated Energies	3,400Wh
Charging Voltage	58.4V
Maximum Charge Cut Off Voltage	58.4V
Maximum Discharge Cut Off Voltage	40.0V
Nominal Charging Current	30A
Maximum Charging Current	60A
Rated Discharge Current	70A
Normal Operating Temperatures	Charging: 0-50°C; Discharging: -20-60°C *Consult factory for operations beyond normal operating temperatures
Balancing	Built-in 0.2A Passive Balancing circuits among cells in a module and 2.5A Active Balancing circuits between modules
Battery protection	Over-charge, Over-discharge, Over-temperature, Under-temperature, Over-current, Short-circuit protections
Communication bus	RS-485
Dimension, LxDxH (mm)	552.5 x 450.0 x 126.5 (3U rack)
Weight	39kg
Features	<ol style="list-style-type: none"> 1. Optional external pluggable 2.5A Active Balancing Module for cells in a module. 2. Real time monitoring of cell Voltages, module/ branch currents, cell temperatures. 3. Individual battery branch control for extended availability 4. Stable & reliable name-brand battery cells from fully automatic production lines.

Model	BS4856FSP
Rated Voltage / Capacity	46.8V / 56.7Ah
Cell Type	Li-ion (world-famous battery)
Rated Energies	2,654Wh
Charging Voltage	52.0V
Maximum Charge Cut Off Voltage	52.0V
Maximum Discharge Cut Off Voltage	39.0V
Nominal Charging Current	12A
Maximum Charging Current	35A (10sec)
Rated Discharge Current	24A (Max. 35A in 10sec)
Normal Operating Temperatures	Charging: 5-45°C; Discharging: -10-45°C *Consult factory for operations beyond normal operating temperatures
Balancing	Built-in BMS circuit connect by communication port in RJ45 type through RS-485 to balance between modules.
Battery protection	Over-charge, Over-discharge, Over-current, Abnormal temperature
Communication bus	RS-485
Dimension, LxDxH (mm)	440.0 x 450.0 x 84.0 (2U rack)
Weight	25kg
Features	<ol style="list-style-type: none"> 1. Monitoring battery status simultaneously 2. Charge status detection 3. Module capacity calculation 4. Implement switch function 5. Certification Cell: UL-1642 and UN38.3 Module: CE EN62040-2:2006 & UN38.3

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