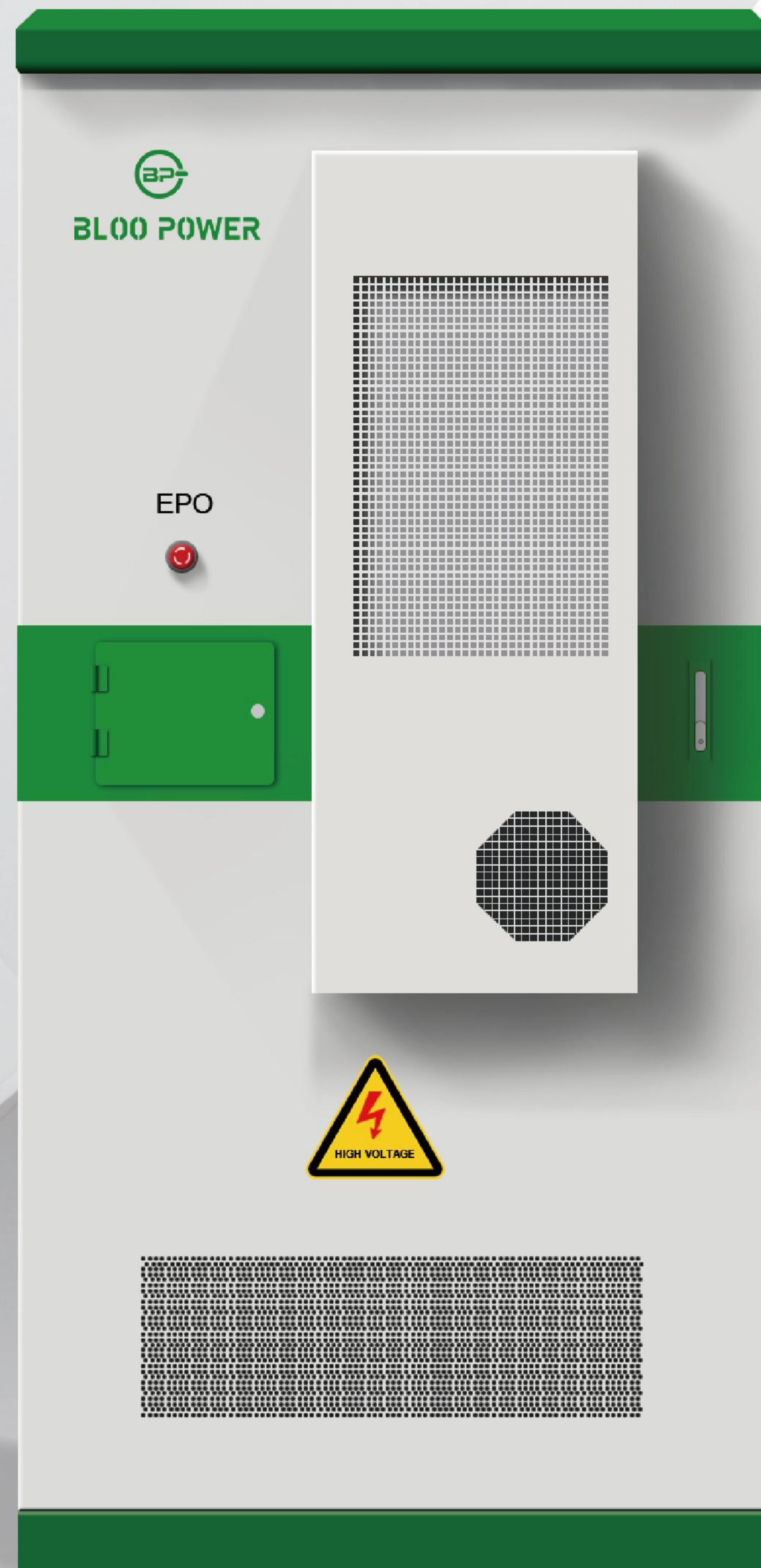




**BLOO POWER**

## INDUSTRIAL AND COMMERCIAL ENERGY STORAGE SYSTEMS



### Safe And Reliable

- No parallel design
- Multi-level linkage protection to cut off bad current circuits



### Flexible Parallelization

- Supports multi-connection parallel arrangement to reduce floor space



### Save Investments

- Highly integrated for easy transportation and operation and maintenance
- Pre-assembled in parts, no need to install battery pack on site



### Intelligent Management

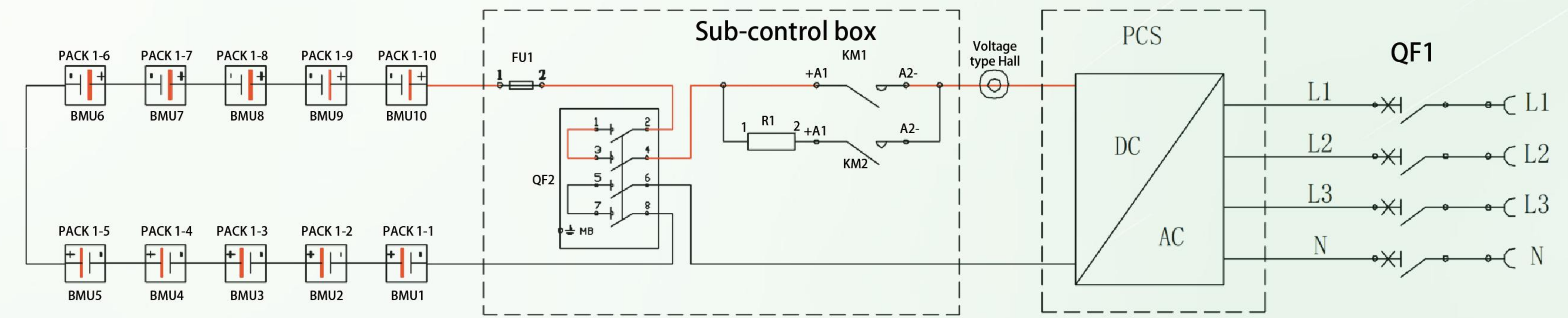
- The local control panel can realize diverse functions such as system operation monitoring, energy management, policy customization, and remote equipment upgrades

## Technical Specifications

Model No.	BP-FB-100kW/215kWh	BP-FB-100kW/211kWh
<b>DC Side Parameters</b>		
Cell Type	LFP 3.2V/280Ah	LFP 3.2V/300Ah
Cell Combination Type	1P240S	1P220S
Rated Energy	215KWH	211KWH
Voltage Range	672V-864V	616V-792V
<b>AC Side Parameters</b>		
Rated Power	100kW	
Rated Voltage	400VAC	
Rated Frequency	500Hz	
Power Factor	-1.0 ~ +1.0	
Current Harmonics	<3%	
<b>System Parameters</b>		
Isolation Method	Transformerless isolation	
Dimension	L1250mm*W1250*H2500mm	
Weight	2500KG	2400KG
Cooling Method		
Fire Fighting Methods	Heptafluoropropane	
Operating Temperature	-25 ~ 50°C	
Working Humidity	5 ~ 95%RH	
IP Grade	IP55	
communication	Ethernet, RS485	

### The Battery Cabinet Has The Following Features:

-  Use mature, safe, economical, green, long-life, and high-reliability lithium iron phosphate battery modules;
-  High degree of modularity, simple structure, easy to install and maintain;
-  Integrate independently developed BMS products for real-time monitoring and management;
-  Adopt comprehensive battery protection strategies and fault detection and isolation measures to ensure the safety of the energy storage system;
-  Key components adopt internationally renowned brands with reliable quality;
-  Independent intelligent temperature control system ensures small temperature difference between modules, gentle module temperature fluctuation, and extends battery life;
-  PACK targeted fire extinguishing function is optional.



### Battery Cabinet Configuration List

No.	Project	Quantity	Remark
1	Battery Pack	10	1 PACK: 21.5kWh
2	Battery Cabinet	1	-
3	Sub-control box	1	-
4	Firefighting	1	Aerosol
5	Temperature Control System	1	Air conditioning, fans and air duct design
6	PCS	1	100kW
7	EMS	1	Cloud Platform
8	Auxiliary Power Distribution	1	-
9	Cables And Others	1	-