



BYHV-ACB0501

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AIR-COOLED SYSTEM AC PARALLEL CABINET SPECIFICATIONS

Product Introduction

BYHV-ACB0501 AC parallel cabinet mainly consists of a disconnecting switch connected in parallel with 5 circuit breakers, which realises the parallel operation of the energy storage system by means of the internal control system and circuit protection devices, which not only ensures the flexible distribution of power but also realises the effective protection of each branch circuit; thus, it improves the reliability, continuity and economy of the power supply system, and adapts to a variety of scenarios. The product adopts modular, parallel structure design, with overload protection, short-circuit protection, manual/automatic operation, electrical isolation and monitoring and alarm functions, to protect the equipment and system from damage; At the same time, it has the characteristics of load distribution and balancing, parallel power supply, providing stable and reliable power supply for various loads, improving the reliability and flexibility of power supply.

Application Scenario

It can be applied to three and more energy storage systems as well as connecting loads such as photovoltaic charging piles that require multiple interfaces.

Product Features

Safe and reliable

IP55 protection level design, with alarm shutdown protection, unit short-circuit and over-current protection and other functions, to ensure the safe operation of the energy storage system and power system.

Parallel control

Realise automatic or manual parallel operation of multiple energy storage cabinets to ensure the consistency of voltage, frequency, phase sequence and phase, and avoid huge inrush current.

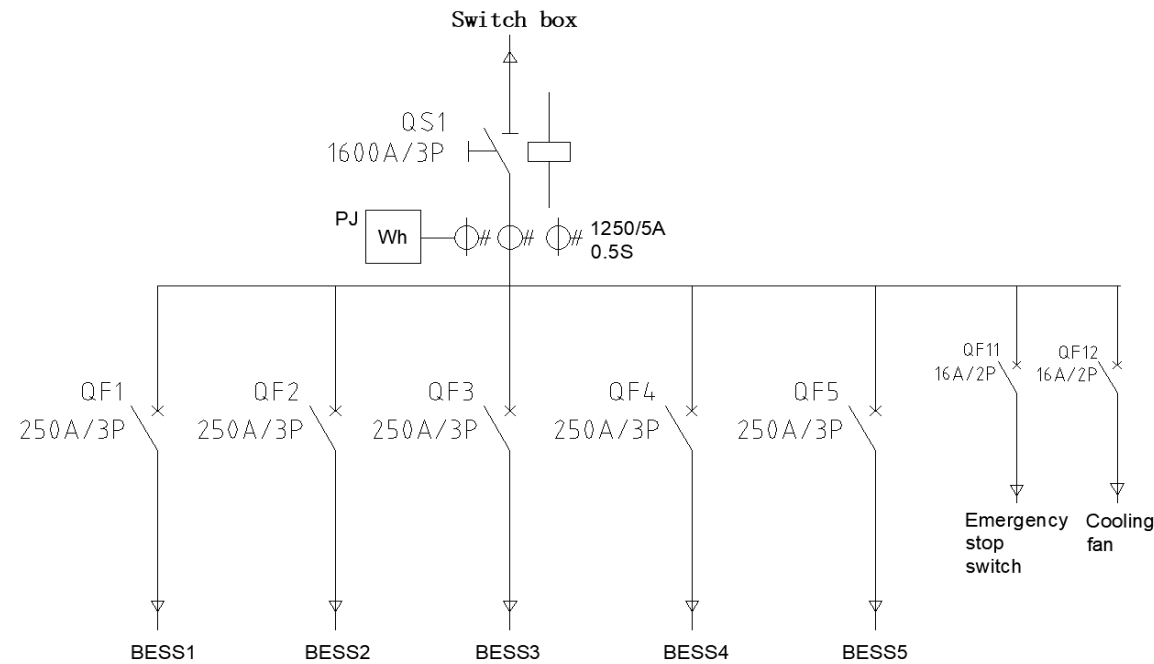
Easy maintenance

The modular design ensures that the system is completely disconnected from the rest of the system during repairs or inspections, making it easy to replace and maintain devices, reducing maintenance costs and time.

Rich scene

The interior of the AC parallel cabinet can be flexibly configured according to actual needs, such as adjusting the number and capacity of moulded case circuit breakers to meet the needs of different scenarios and electrical systems.

Specifications and Model Description



Product Parameter

Product Type	BYHV-ACB0501
Electrical Performance	
Maximum working voltage	400V
Maximum current	1500A
Maximum branch current	250A
Maximum number of string	5
System Parameter	
Dimensions	800mm*600mm*1900mm
Weight	Approximately 0.3 tons
Protection grade	IP55
Anti-corrosion grade	C3
Operating ambient temperature	-30℃ ~60℃
Short circuit protection	Have
Heat dissipation method	Forced air-cooled
Inlet and outlet mode	Lower inlet and outlet
Emergency stop control	Have
Measuring device	Have