



RackArk-HV 1000V630A

Powercube System Voltage < 1000V

- The bus cabinet is the dc side bus control unit of the energy storage battery system, which is connected with the high voltage box and storage.
- Intermediate unit capable of converter; The power pool system (stack) is installed in the bus cabinet.
- Switch off/circuit breaker (optional), three-level BMS (ESMU), and UPS power supply. Confluence ark.
- The electrical characteristics, heat dissipation performance and safety performance of each component have been fully considered in the design.
- And operation and maintenance, reasonable space layout, with compact structure, flexible configuration, security.
- Full reliability and other characteristics. Three stage BMS module (ESMU) in the bus cabinet, with CAN,RS-485, RJ45 Ethernet communication interface, can be realized with high voltage box, PCS/UPS or the communication function between EMS realizes the data communication and control of the energy storage battery management system and protection.

NO	Item	Para Range	Quantity	Function
1	DC Breaker	630/1000/1250A	1	Main loop protection
2	BMS	ESMU-10 II	1	Display communication control
3	Switching power supply	35W/75W 24V	1	Power Supply
4	Miniature circuit breaker	S202-C64/20/10	/	Switch
5	Emergency stop switch	LA38-22ZS	1	scram protection
6	Repeaters	CR-MX024DC2L	/	Signal control and conversion
7	LED instruction	ED16-22DSR(G/Y/R)	/	status indicator
8	Surge protective devices (spd)	Ex9UEP 20 3P	1	Lightning protection bus
9	Fuse	DC1500/1000V 200A	1	protection
10	UPS	3KVA/2KVA/1KVA	1	Uninterruptible backup power supply
11	Terminal strip		/	Communication power signal conversion