



RackArk-HV 1000V 630A

Control and combiner cabinet

- 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.

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NO	Item	Para Range	Quantity	Function	Remark
1	DC Breaker	630/1000/1250A	1	Main loop protection	
2	BMS	ESMU-10 II	1	Display communication contro	
3	Switching power supply	35W/75W 24V	1	Power Supply	
4	Emergency stop switch	LA38-22ZS	1	scram protection	
5	Surge protective devices (spd)	Ex9UEP 20 3P	1	Lightning protection bus	
6	Fuse	DC1500/1000V 200A	1	protection	
7	UPS	3KVA/2KVA/1KVA	1	Uninterruptible backup power supply	