Battery from the Battery Supervision and Management Unit (BSU)

Model	BSU Y05K V 16S08T	BSU Y04K 16S08T	BSU Y21K 32S16T	Remarks
Product image				
Voltage series count	5S~16S	5S~16S	16S~32S	
Air-cooled fan	Built-in power supply (DC 24V)	Built-in power supply (DC 24V)	Built-in power supply (DC 24V)	Optional DC 24V 15W
Temperature quantity	8	8	16	
Balancing method	Passive equalization	Passive equalization	Passive equalization	

Battery Main Control Unit (BMU)

Model	BMU YE02 02 13(32S)		BMU YE01 03	
Product image				
Battery voltage range	800~1500Vdc	80~1000	800~1500	80~1000
Special Note	Must be used in conjunction with the EMCU	Must be used in conjunction with the EMCU	Must be used in conjunction with the EMCU	Must be used in conjunction with the EMCU
System architecture	Applicable to Level 2 architecture	Applicable to Level 2 architecture	Applicable to a three-tier architecture	Applicable to the three-tier architecture
Power supply mode	Battery cluster power extraction (self-powering)	Battery cluster power extraction (self-powering)	Battery cluster power extraction (self-powering)	Battery cluster power extraction (self-powering)
Maximum number of cascades	1	1	32	32
PCScommunication	RS485&CAN	RS485&CAN	CAN@BAU	CAN@BAU
EMScommunication	TCP/IP	TCP/IP		

Battery Pre-charging Protection Unit (EMCU)

Model	EMCU YL08 0204	EMCU YH01 0203
Product image		
Battery voltage range	150~1200Vdc	800~1500Vdc
Precharge resistor	100 Ω (external)	100 Ω (external)
Current sensor types	Current diverter	Current diverter
Special Note	Must be used in conjunction with BMU	Must be used in conjunction with BMU

Battery Total Control Management Unit BAU

Model	BAU Y03K YC 34		
Product image			
Compatible Systems	Three-tier architecture	Ethernet Communication	Route 3 @ TCP/IP
485 Communication	Route 5 @ Modbus	CANcommunication	Route 2 @ CAN 2.0 B
PCScommunication	485 or CAN	EMScommunication	TCP/IP

High-Voltage Electrical Control Cabinet HVDB

Model	HVDB YL01 100 02	HVDB YL01 200 02
Product image		
Rated voltage	900Vdc	900Vdc
Rated current	100A	200A
System architecture	Applicable to Level 2 architecture	Applicable to Level 2 architecture
Power supply mode	Battery cluster power extraction (self-powering)	Battery cluster power extraction (self-powering)
PCScommunication	CAN or RS485	CAN or RS485
EMScommunication	TCP/IP	TCP/IP

Model	HVDB YH01 250 03	HVDB YL01 100 03	HVDB YL01 200 03	HVDB YL01 250 03
Product image				
Rated voltage	1500Vdc	900Vdc	900Vdc	900Vdc
Rated current	250A	100A	200A	250A
System architecture	Applicable to a three-tier architecture	Applicable to a three-tier architecture	Applicable to a three-tier architecture	Applicable to a three-tier architecture
Power supply mode	Battery cluster power extraction (self-powering)	Battery cluster power extraction (self-powering)	Battery cluster power extraction (self-powering)	Battery cluster power extraction (self-powering)