

432V High lithium ion deep cycle Voltage Battery System

Parameter	432V 100Ah	432V 200Ah
Battery Type	LiFePO4 (3500 Cycles*)	
Nominal Voltage	432V	
Nominal Capacity	100Ah	200Ah
Configuration	135S1P	135S1P
Load Power	43.2KW	Rated 80KW;Max. 86KW
Charge Current	Continuous: 80A Max.: 100A	Continuous: 100A Max.: 200A
Discharge Current	Max. Continuous: 100A	Max. Continuous: 200A
Charge and Discharge Port	Same Port	
Over Charge Voltage	492.75V (Single cell: 3.65V)	
Over Charge Delay	100ms	1000ms
Overcharge Recovery Voltage	465.75V	
Over Discharge Voltage	337.5V (Single cell: 2.5V)	
Over Discharge Delay	200ms	2000ms
Overdischarge Recovery	Charge recovery	
Over Current	150A	250A
Over Current Delay	200ms	2000ms
Over Current Recovery	Disconnect Load	
Shortcircuit Protection	Disconnect Load	
Over Temp. Protection	Charge: 0~55°C; Discharge: -10~65°C	
Balance Function	Passive equalization	
LCD Display	Master control LCD display	
Communication Function	CAN & RS485	
Pre-charge & Pre-discharge Function	Pre-charge current: 20A Pre-discharge current: 20A Precharge Resistor:10Ω 200W	Pre-charge current: 40A Pre-discharge current: 40A Precharge Resistor:10Ω 400W
Dimension	1380mm*1080mm*600mm (TBD)	1500mm*1800mm*750mm (TDB)
Remark	Charging and discharging aerial plug: (FN08-200-001SS/left negative and right positive)*22 Relay: HFZ16V-100P/900-24-SHSA1.5E-1*3 Circuit breaker: DM6Z -125S/3310 100A DC 500V/DV24*1 Fuse: FWP-125A/700VDC/AC*1 RX24-200W*1	Charging and discharging aerial plug: (FN 08-200-001SS/left positive and right negative)*22 Relay: HFZ16V-200P/900-24-SHSA1.5E-1*3 Circuit breaker: DM6Z -125S/3310 200A DC 500V/DV24*1 Fuse: FWP-250A/700VDC/AC*1 RX24-400W*1