

Model	U48068
General Data	
Nominal Voltage	480V
Nominal Capacity	68Ah
Energy	32640Wh
Internal Resistance(ACR)	≤200mΩ
Standard module	96V68Ah
System Connection	5 standard modules in series (LiFePO4) and 1 control module
Cycle Life	≥3000 cycles (25°C&100%DOD&0.2C)
Design Life	≥20 years @25°C
Self-Discharge (30 days)	≤3% @25°C
Efficiency of Charge	≥98% @ 0.2C
Efficiency of Discharge	≥100% @ 0.2C
	≥98% @ 0.5C
Charge Mode	0.2C to 540V, then 540V charge current to 0.02C (CC/CV)
Charge Current	50A
Max. Continuous Charge Current	100A
Max. Continuous Discharge Current	200A
Maximum Pulse Current	400A(1S)
Discharge Cut-off Voltage	≤405V
Water Dust Resistance	IP20
Case	Iron (Insulation painting)
Dimensions (W*D*H) (excluding hanger and handle bar)	600*440*1460mm
Max. Weight	≤420kg
Min. Gravimetric Specific energy	≥77Wh/kg
Series use	Not allowed
Operating Environment	
Charge Temperature Range	0°C~45°C
Discharge Temperature Range	-20°C~60°C
Optimum Operation Temperature	10°C~35°C
Storage Temperature	0°C~40°C, ≤85% Relative Humidity
General Functions	
Battery with U P S	RS485/CAN
Battery Debugging Communication	CAN
LCD Screen	Displays the pack voltage, cell voltage, temperature, BMS status, SOC etc