

**E MOTORS****JIANGSU E MOTORS CO.,LTD.**

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48V50Ah UPS SPEC.

Input voltage of inverter	50HZ 176~264VAC ,8A
Output voltage of inverter	50HZ 180~264VAC, 8A
Output voltage of inverter	57VDC (from battery and inverter), 10A
Temperature protection of inverter	55±0.5℃
Over load protection of inverter	3000VA keeping 10minutes
Exchanging time of city power and inverter	<10ms
Battery cell	LiFePO4 polymer (3.2V14AH)
Cell Combination Style	15S4P
Internal Resistance	≤100mΩ
Over Charge voltage	57Vdc(input from inverter)
Over charge current	24A(input from inverter)
Over discharge voltage	40Vdc(output to inverter)
Over discharge current	44A(output to inverter)
Peak discharge current protection	60A(200ms)
Over temperature	75±0.5℃
Cycle Life	Keeping 70% capacity after 3000 cycle by 0.5C charge and discharge
Other Function	RS485 and RS232 communication
Discharge operating Temperature	-20℃—+60℃
Charge Operating Temperature	0℃—+45℃
Size	438*310*190
Weight	About 35KG