

Koyoe Battery Pack Parameters

Model	KY-48V50AH	KY-48V80AH	KY-48V105AH	KY-48V125AH	KY-57.6V105AH
Cell Technology	Li-ion(LFP)				
Capacity (Ah)	50	80	105	125	105
Series (PCS)	15	15	15	15	18
Standard Voltage(Vdc)	48	48	48	48	57.6
Max Voltage (Vdc)	54.75	54.75	54.75	54.75	65.7
Standard Charge Current (A)	25	40	50	60	50
Max Charge Current (A)	30	45	55	65	55
Max charge Voltage (Vdc)	53.25	53.25	53.25	53.25	53.25
Standard Discharge Current (A)	25	40	50	50	60
Max Discharge Current (A)	30	45	55	55	65
Communication	RS485/CAN				
Protection Class	IP54				
Weight(KG)	31	35	36	41	45
Operation Life (Years)	10				
Operation Cycle Life	3500,25℃,90%DOD				
Operation Temperature (℃)	0~45				
Storage Temperature (℃)	-20~60				
Humidity	< 45%				
Altitude (m)	<2000				
Product Certificate	IEC62619,UN38.3				