

Battery Pack Series			
Model	KY-48V50AH	KY-48V105AH	KY-48V105AH-A
Cell Technology	Li-ion(LFP)	Li-ion(LFP)	Li-ion(LFP)
Capacity (Ah)	50	105	105
Series (PCS)	15	15	15
Standard Voltage(Vdc)	48	48	48
Max Voltage (Vdc)	54.75	54.75	54.75
Standard Charge Current (A)	25	50	50
Max Charge Current (A)	30	55	55
Max charge Voltage (Vdc)	53.25	53.25	53.25
Standard Discharge Current (A)	25	50	50
Max Discharge Current (A)	30	55	55
Communication	RS485/CAN	RS485/CAN	RS485/CAN
Dimensions (W*D*H)(mm)	532*235*230	452*300*245	452*300*245
Protection Class	IP54	IP54	IP54
Weight(KG)	31	36	36
Operation Life (Years)	10/20(according to the cycles)	10/20(according to the cycles)	10/20(according to the cycles)
Operation Cycle Life	7000 @1C	3500 @1C	3500 @1C
Operation Temperature (°C)	0~50	0~50	0~50
Storage Temperature (°C)	-20~60°C ≤85%R.H	-20~60°C ≤85%R.H	-20~60°C ≤85%R.H
Humidity	< 45%	< 45%	< 45%
Altitude (m)	< 2000	< 2000	< 2000
Product Certificate	IEC62619,UN38.3	IEC62619,UN38.3	IEC62619,UN38.3