

Inverter With Lithium Batterystorage

Specifications

MODEL		KG-18-4048 PLUS	KG-18-5048 PLUS	
Inverter	Rated power	4000W	5000W	
	Output voltage waveform	Pure sine wave		
	Output voltage regulation	230Vac±5%		
	Output frequency	50Hz or 60Hz (±0.2Hz)		
	Peak efficiency	90%		
	Nominal DC input voltage	48Vdc	48Vdc	
	Standby Consumption	< 25W		
AC Input	AC input voltage	230Vac ±5%		
	Acceptable input voltage range	170~280VAC		
	Nominal input frequency	50Hz / 60Hz (Auto detection)		
	Transfer time	10ms typical (UPS, VDE); 20ms typical (APL)		
AC Charge	Charging current @ Nominal input voltage	60A-60A	20A-30A	
	Charging Algorithm	4-step (Li)		
Output	AC output	230Vac (Socket *4pcs)		
	USB (5V 2.4A)	DC output*2pcs		
	USB (12V DC5.5, 3A)	DC output*1pc		
Lithium Battery	Energy	10240Wh / 15360Wh / 20480Wh / 25600Wh		
	Nominal voltage	51.2V		
	Battery capacity	200AH/300AH/400AH/500AH		
	Standard charging and discharge current	100A		
	Maximum continuous charging & discharge current	100A		
	Operation ambient temperature	Charge	0~45℃	
		Discharge	-20~55℃	
Dimension	Product Size (LxWxH)	/	/	
	Packing Size (LxWxH)	/	/	
	Net Weight	/	/	
	Gross Weight	/	/	



- Stacked movable energy storage systems.
- Rechargeable lithium batteries use safe lithium cell LiFePO4.
- The intelligent BMS system adopts the latest battery communication system.
- Flexible investment with 5.12kWh modular design, scalable from 10.24kWh to 25.6kWh.
- The battery capacity can be increased freely and flexibly according to the situation of home use.
- Reduce electricity bills and increase your energy needs for electrical self-sufficiency.