

Power Bank

3-5kW / 3-5kWh



Large capacity, High power



Pure sine wave output



LCD display, visualization of operating data

Technical Parameters

PARAMETER		
Model	3000	5000
Rated power	3200W	5000W
Capacity	3kWh	5.12kWh
PV PARAMETER		
Working model	MPPT	
Rated solar input voltage	360VDC	
MPPT tracking voltage range	120-450V	
Max input voltage (VOC) at lowest temperature	500V	
Max input power	4000W	6000W
Number of MPPT tracking paths	1 Path	
INPUT		
DC input voltage range	21-30VDC	42-60VDC
Rated mains power input voltage	220/230/240VAC	
Grid power input voltage range	170~280VAC(UPS model)/120~280VAC(inverter model)	
Grid input frequency range	40-55Hz(50Hz) 55-65Hz(6	
OUTPUT		
Inverter	Output efficiency	94%
	Output voltage	220VAC±2%/230VAC±2%/240VAC±2%(Inverter model)
	Output frequency	50Hz±0.5 or 60Hz±0.5(Inverter model)
Grid	Output efficiency	≥99%
	Output voltage range	Following input
	Output frequency range	Following input
Battery mode no-load loss		≤1%(At rated power)
Grid mode no-load loss		≤0.5% Rated power(the charger of grid power doesn t work)
BATTERY		
Battery type	Lead acid battey	Equalizing charging 13.8V Floating charging 13.7V (single battery voltage)
	Customized battery	The parameter can be set according to customers' requirement (Use different types of battery by setting the panel)
Max mains charging current		60A
Max solar charging current		80A
Max charging current(Grid+solar)		80A
Charging method		Three-stage (constant current, constant voltage, float charge)
PERFORMANCE PARAMETERS		
Conversion time		≤4ms
Cooling method		Intelligent cooling fan
Working temperature		-10~40°C
Storage temperature		-15~60°C
Altitude		2000m (> 2000m altitude need derating)
Humidity		0~95% (No condensation)
Product Size		500*300*340mm 500*300*340mm
Package Size		600*400*440mm 600*400*440mm
Net weight		42kg 55kg
Gross weight		48kg 65kg