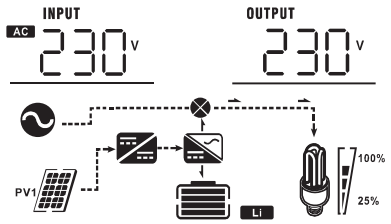
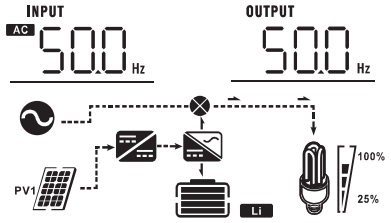
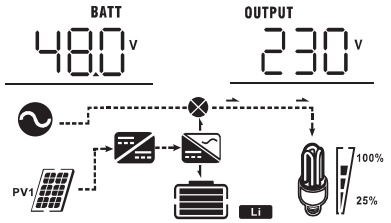
7.Technical datasheet

Model			3024SMH	3624SMH	4024SMH	5548SMH	6248SMH	11048MH
Input	Input Sources		L+N+PE					
	Rated Input Voltage		220/230/240VAC					
	Voltage Range		90-280VAC±3V(APL Mode)170-280VAC±3V(UPS Mode)					
	Freqency		50Hz/60Hz(Auto Adaptive)					
Output	Rated power	The battery inverts	3000W	3600W	4000W	5500W	6200W	11000W
		Photovoltaic inverter	3600W	4500W	4500W	6500W	6500W	12000W
	Output Voltage		220/230/240VAC±5%					
	Output Frequency		50/60Hz±0.1%					
	Waveform		Pure Sine Wave					
	Transfer Time (adjustable)		Computers(UPS Mode)10ms, Appliance(APL Mode)20ms					
	Peak Power		6000VA	7200VA	8000VA	11000VA	12400VA	22000VA
	Overload capacity		Battery mode11s@105%~150% Load;2s@150%~200% Load; 400ms@＞200% Load					
Grid-connected operation	Output Voltage		220/230/240VAC±5%					
	Feed into the grid voltage range		100-280VAC					
	Feed into the grid frequency range		47-53±1Hz/57-62±1Hz					
	Nominal output current		13A	15.7A	17.4A	23.9A	26.9A	47.8A
	Power Factor Range		＞0.99					
	Maximum conversion efficiency (DC/AC)		98%					
Battery	Battery Votage		24Vdc	24Vdc	24Vdc	48Vdc	48Vdc	48Vdc
	Constant Charging Voltage(Adjustable)		28.2Vdc	28.2Vdc	28.2Vdc	56.4Vdc	56.4Vdc	56.4Vdc
	Floate Charging Voltage(Adjustable)		27Vdc	27Vdc	27Vdc	54Vdc	54Vdc	54Vdc
Chargers	PV Charging Mode		MPPT	MPPT	MPPT	MPPT	MPPT	MPPT Dual MPPT
	MAX.PV Input Power		5000W	6500W	6500W	8500W	8500W	2*7500W
	MPPT Tracking Range		60~500Vdc					90~500Vdc
	Best voltage		300~400V	300~400V	300~400V	360~430V	360~430V	360~430V
	MAX.PV Input Voltage		500Vdc	500Vdc	500Vdc	500Vdc	500Vdc	500Vdc
	PV max input current		18A	27A	27A	27A	27A	27A/27A
	MAX.PV Charging Current		100A	120A	120A	100A	120A	150A
	MAX.AC Charging Current		60A	100A	100A	100A	100A	150A
	MAX.Charging Current		100A	120A	120A	100A	120A	150A
Display	LCD interface		CAN display running mode/load/input/output, etc.					
Interface	RS232		Baud Rate2400					
	Extend the socket communication interface		Lithium Battery BMS Communication Card WifiCard, Dry Contact					
	Parallel machine interface		No parallel function			Parallel Machine (network) function		
Environments	Operating Temperature		-10~50℃					
	Humidity		20%~95%(Non-condensing)					
	Storage Temperature		-15~60℃					
	Altitude		Altiude Not Over 1000m,Derating over 1000m,Max 4000m，Refer to IEC62040					
	Noise		≤50db					
Standards and certification			EN-IEC 60335-1,EN IEC 60335-2-29, IEC 62109-1					

Display Setting

The LCD display information will be switched in turns by pressing "UP" or "DOWN" key. The select information is switched as below order: input voltage, input frequency, PV voltage, charging cur battery voltage, output voltage, output frequency, load percentage, load in Watt, load in VA, loa Watt, DC discharging current, main board firmware version and SCC firmware version.

Select item	LCD display
Input voltage and output voltage (Default Display Screen)	Input Voltage=230V, output voltage=230V 
Input frequency and output frequency	Input frequency=50.0Hz, output frequency=50.0Hz 
Battery voltage and output voltage	Battery Voltage=48.0V,output voltage=230V 
Battery voltage and load percentage	Battery Voltage=48.0V,load percentage 68% 