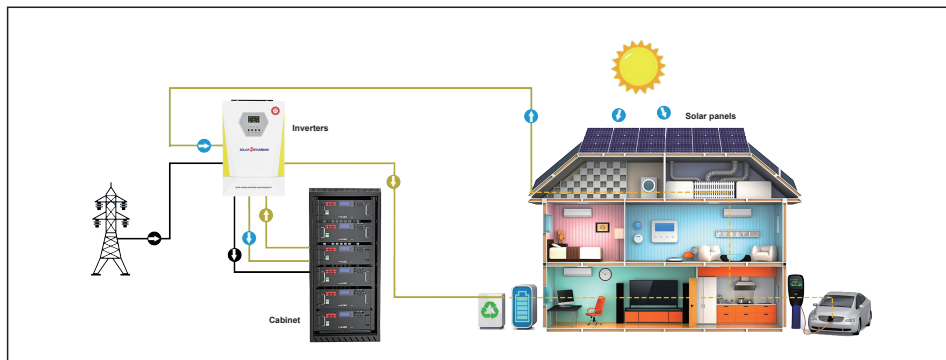




HYBRID SOLAR INVERTER

- Lithium battery auto-restart function, more convenient for lithium battery charging
- Intelligent power supply mode, intelligent distribution of solar panel/mains/battery power shares
- Utility charging voltage/PV charging voltage adjustable, match different battery charging requirements
- Convenient installation and transportation
- Battery reverse connection protection with fuse switch, safer installation
- PF1.0, high efficiency, lower consumption, energy conservation/environmental protection/electricity saving/cost saving
- Support working without battery: reduce solar system cost
- Communication option: external WIFI, supervise at any time
- High precision of output voltage, 5%, take care of your appliances
- BMS function for lithium battery



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)						
	Frequency	50Hz/60Hz(Auto Adaptive)						
Output	Rated power	The battery inverts	3000W	3600W	5000W	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	10000VA	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 Voltage	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°C						
	Humidity	20%~95%(Non-condensing)						
	Storage Temperature	-15~60°C						
	Altitude	Altitude 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							