

Single Phase Hybrid Inverter

3024EMH

LiPower

3000W

24VDC



Product Features



Touch color screen display, intuitive parameter display



Enhanced inverter output power under PV mode



Standard main and auxiliary dual AC voltage sufficient power output



Novel and fashionable RGB atmosphere lights indicator



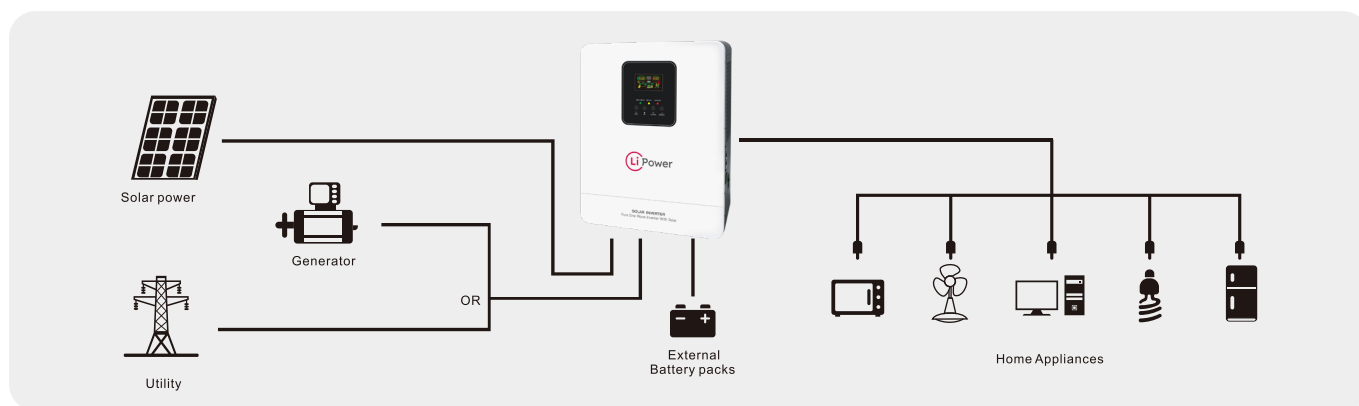
Higher photovoltaic utilization under PV and grid power complements



EMI filtering and strong anti-interference technology



Frosted white appearance design



Model			3024EMH
Input	Input format		L+N+PE
	Rated input voltage		220/230/240VAC
	Voltage range		90-280VAC±3V(Normal Mode) 170-280VAC±3V(UPS mode)
	Frequency range		50Hz/60Hz(Automatic Adaptation)
Output	Rated power	Battery inverter	3000W
		Photovoltaic inverter	/
	Output voltage		220/230/240VAC±5%
	Output frequency		50/60Hz±0.1%
	Waveform		Pure sine wave
	Switching time (adjustable)		UPS MODE: 10 ms. (APL MODE) : 20 ms.
	Peak power		6000VA
	Overload capacity		Battery mode : 11s@105%~150% Load;2s@150%~200% Load;400ms@>200% Load
Grid-connected operation	Output voltage		None
	Voltage range fed into the power grid		
	Frequency range fed into the power		
	Rated output current		
	Power factor range		
	Maximum conversion efficiency		
Battery	Rated voltage		24Vdc
	Constant charging voltage (adjustable)		28.2Vdc
	Float charging voltage (adjustable)		27Vdc
PV-AC Charger	PV charging method		MPPT
	Maximum input power of PV		3000W
	MPPT input voltage range		30~500Vdc
	Optimal Vmp operating range		300~400Vdc
	Maximum PV input voltage		500Vdc
	Maximum PV input current		14A
	Maximum PV charging current		100A
	Maximum mains power charging		60A
	Maximum charging current		100A
Display	LCD interface		It can display operating mode / load / input / output, etc.
Interface	RS232		Baud rate 240
	Extended slot communication interface RS485		Lithium battery BMS communication card, WIFI card, dry contact card, etc.
	Parallel interface		None
Environmental parameters	Operating environment temperature		-10~50
	Operating environment humidity		20%~95%(No condensation)
	Storage temperature		-15~60℃
	Altitude		The altitude should not exceed 1000 meters. For altitudes above 1000 meters, the rating should be reduced. The maximum altitude is 4000 meters. Refer to IEC 62040.
	Noise		≤50db
Physical parameters	Depth × Width × Height (mm)		404*304*114
	Weight (for reference) KG		6
Standards and Certifications			EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1