

Model No.:GD3024JMH/GD3024JMHB

Input	input source	L+N+PE
	rate input voltage	220/230/240V ac
	voltage range	90~280V ac(normal mode) 170~280V ac (UPS to UPS mode)
	frequency	auto adaptive
Output	output voltage	220/230/240V ac $\pm 5\%$
	output frequency	50/60Hz $\pm 0.1\%$
	output wave form	pure sine wave
	rate capacity	3000W
	peak power	6000VA
	over load ability	battery mode:21S @105~150% load/ 11s @150~200% load /400ms@>200% load
	transfer time(adjustable)	computers 10ms appliance 20ms
Grid connected operation(only for GD3024JMHB)	output voltage	220/230/240V ac
	grid voltage range	195~253V ac
	grid frequency range	50 $\pm 1$ Hz/60 $\pm 1$ Hz
	rated output current	23.9A
	power factor range	>0.99
	conversion efficiency	98%
	Max Parallel units	9
Battery	range voltage	24 V dc
	constant charge voltage(adjustable)	28.2V dc
	float charge voltage(adjustable)	27 V dc
Interface	RS232	Baud rate 2400
	communication interface	Lithium Battery BMS Communication Card,WIFI Card,Dry contact
	parallel card(optional)	support parallel(Max 9pcs)
Charger	PV charge mode	MPPT
	MAX PV input power	4200W
	MAX PV input voltage	500V dc
	MPPT Tracking range	120~500 V dc
	best PV voltage	300~400V dc
	MAX PV input current	18A
	MAX PV charge current	100A
	MAX ac charge current	60A
MAX charge current	100A	
Display	LCD display	Display Running Mode/Loads/Input Output etc
Environments	operate temperature	(-10~+50) °C
	humidity	20%~95%(Non-condensing)
	storage temperature	(-15~+60) °C
	Ork altitude	No more than 1000m,if >1000m the power rate will lower, Max 4000m,refer to IEC62040
	noise	<50db
Dimension	L*W*H(mm)	495*312*146
Standars & certifications	EN-IEC60335-1,EN-IEC 60335-2-29,IEC 62309-1,IEC 62040	

\*The suffix of the model name contains the letter "B", which is the on grid model of the power model