

GP-C High Frequency Inverter

Feature

- Soft-start function;
- DC/AC isolation;
- Pure sine wave output ;
- Excellent load adaptability and stability ;
- Industrial universal socket designed for wide applicability ;
- Strong startup ability, high efficiency conversion;
- Small volume, light, safe to use, portable ;
- Protection against over-heating,over-voltage, under-voltage,over load and short-circuits.



Application Area

- Office equipment: desktop or tablet PC, printer, surveillance camera, etc;
- Household: TV sets, fans, rice cookers, lights and other appliances; GSP, DVD, audio and other equipment;
- Outdoors: field camping, vehicle power, emergency relief, business promotion, night market stall and so on.

System Application Diagram



Technical Parameters

Model: GP-C		30112/24	50112/24	10212/24	15212/24	20212/24	30212/24
Rated Power		300W	500W	1000W	1500W	2000W	3000W
Battery Voltage		12/24VDC	12/24VDC	12/24VDC	12/24VDC	12/24VDC	12/24VDC
Machine size (L*W*Hmm)		197*55*150		350*150*63	407*198*90		460*198*90
Package size (L*W*Hmm)		210*80*175		370*105*185	432*125*233		485*125*233
N.W(kg)		1	1	2.2	4.2	4.5	6
G.W.(kg)(Carton Packing)		1.5	1.5	2.5	4.8	5	6.5
Input	DC input voltage range	10.5-15VDC (single battery voltage)					
	Voltage of the battery switched on automatically	≥11V (single battery voltage)					
Ouput	Output voltage (battery mode)	220VAC±2%					
	Output frequency (battery mode)	50/60HZ±1%					
	Efficiency	≥85%					
	Output wave form	Pure Sine Wave					
Protection	Battery low voltage alarm	9.5VDC±0.5V (single battery voltage)					
	Battery over voltage protection	15VDC±0.5V (single battery voltage)					
	Ouput under voltage protection (Battery mode)	≤187VAC Turn off the output					
	Output short circuit protection (Battery mode)	machine shut off , battery cut off					
	Over power protection	110% more than rated capacity					
	Temperature protection	≥90℃ machine shut off					
Display		LED. Red light:battery fault, Green light:Normal electricity					
Thermal method		Cooling fan in intelligent control					
On-off		locking-type					
Environment	Temperature	-10℃~40℃					
	Humidity	0%~95%(No condensation)					

Note : 1. Specifications are subject to change without notice
2. Special voltage power requirements, can be customized according to the actual situation of users.