

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; GPS, 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	25224	30224
Rated Power	300W	500W	1000W	1500W	2000W	2500W	3000W
Battery Voltage	12/24VDC					DC 24V	
Machine size (L*W*Hmm)	197*55*150		350*150*63	407*198*90		470*222*90	
Package size (L*W*Hmm)	210*80*175		370*105*185	432*125*233		520*138*272	
N.W(kg)	1	1	2.2	4.2	4.5	7.2	7.2
G.W.(kg)(Carton Packing)	1.5	1.5	2.5	4.8	5	8	8
Input	DC input voltage range		10.5-15VDC (single battery voltage)				
	Voltage of the battery switched on automatically		≥11V (single battery voltage)				
Output	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)				
	Output 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°C machine shut off				
Display	LED. Red light:battery fault, Green light: Normal electricity			LED. Red light:battery fault, Green light: Normal electricity+Digital tube voltmeter			
Thermal method	Cooling fan in intelligent control						
On-off	locking-type						
Environment	Operating temperature		-10°C~+40°C				
	Storage temperature		-15°C~60°C				
	Noise		≤60dB				
	Highest altitude		2000m (More than derating)				
	Humidity		0%~95%(No condensation)				
Warranty	1 year						

Note: 1. Specifications are subject to change without notice

2. Special voltage power requirements, can be customized according to the actual situation of users.

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