

IG3117C Series

Pure Sine Wave Output Inverter

3000-5000VA



► Product snapshot:

Model: 3000-5000VA

Nominal voltage: 230VAC

Nominal frequency: 50Hz/60Hz

Output Power factor: 0.8

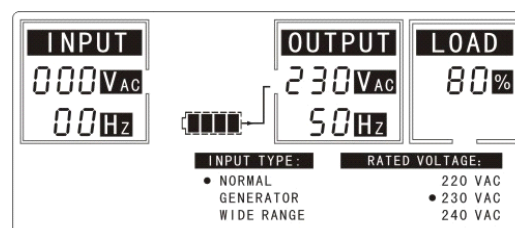
There are one LCD and one Power Switch on front panel.



Key Features:

- High Efficiency 98% Pure Sine Wave Solar Inverter
- High frequency switching technology for compact size and light weight
- LCD Display, Pure sinewave output
- High efficient DC to AC conversion minimizing energy loss
- Supporting home appliance/ office equipments/ Lighting Equipments / Moto-Based Equipment
- Solar, wind, hydro, Generator
- Adopts full-bridge inverter circuit design

Front panel display



IG3117C Series Technical Specifications

MODEL	IG3117C 3000VA-5000VA	
Capacity	3000VA/2400W	5000VA/4000W
Nominal Voltage	230VAC	
Nominal Frequency	50HZ/60Hz	
Input		
Voltage Range	170VAC ~ 270VAC(Normal range)	
	91 ~ 284VAC(generator/wide range)	
Frequency range	40HZ±1Hz ~ 65Hz±1Hz	
Output		
Voltage Regulation	230VAC±10%	
Frequency Regulation	50HZ/60Hz±1Hz(Auto detection)	
Wave Form	Pure sine wave	
Power Factor	0.8	
Efficiency	≥90%(battery mode)	
	≥98%(line mode)	
Over-load Protection	At 110%-150% Load For 10s	
	Load > 150% For 5s	
Surge Rating	10000VA	
Transfertime	10ms	
Battery		
DC voltage	24V	48V
Nominal charge current	20A(95-175V,gen/wide,only)	
	20/35A(Optional)	
Overcharge protection	Bat. V≥60Vdc,Fault, Buzzer alarm	
Safety & Working Environment		
Safety Certification	CE(EN60950)	
EMI Classification	EN62040-2, CLASS A	
Operating Temperature Range	0°C to 45°C	
Storage temperature	-15°C to 60°C	
Altitude	0 - 1500 Meters	
Relative humidity	5% to 95% non-condensing	
Audible noise	60dB max	
Cooling	Forced air , variable speed fan	
Dimension	350*110*407	350*110*407
Weight	8KG	9KG

STANDARD: Conform to GB/IEC regulation : EMC:GB7260.2/IEC62040-2 GB/17626.2~ 5/IEC61000-4-2~5 SAFETY:GB4943

Note: Product specifications are subject to change without further notice.