

PURE SINE WAVE INVERTER

High Frequency DC-AC Power Inverters



GOBRIGHT

Email: sales@gogobright.com

TEL: +86 755 86327335

GBR3000L High Efficiency

12V/24Vdc Input, 110V/220Vac Output

- Advanced double CPU intelligent control technology;
- Pure sine wave output (T.H.D \leq 3%);
- Output Continuous: 3000W, Peak power:6000W;
- Working noise tiny and High efficiency up to 96%;
- Load and Thermostatically controlled cooling fan;
- Front panel indicator for operation status;
- Protections: Low Volt Alarm/shutdown; Overload; Over voltage/temp shutdown; short-circuit shutdown;
- Application : Home appliance, power tools, office and portable equipment, vehicles and marine.etc.



Photos



Outlet/Socket Type

A	B	C	D	E	F
USA	AUSTRALIA	UNIVERSAL	U.K	FRANCE	GERMANY

PURE SINE WAVE INVERTER

High Frequency DC-AC Power Inverters



GOBRIGHT

Email: sales@gogobright.com

TEL: +86 755 86327335

Technical Specification

Inverter Model	GBR3000L-12V	GBR3000L-24V
Input (DC)		
Input Volt (DC)	12Vdc	24Vdc
Input DC Range	10.0~15.0Vdc	20.0~30.0Vdc
Max Input DC Current	300A	150A
Low Volt Alarm	10.5±0.5Vdc	21.0±0.5Vdc
Low Volt Shutdown	10.0±0.5Vdc	20.0±0.5Vdc
Over Volt Shutdown	15.0±0.5Vdc	29.5±0.5Vdc
Input / Fuse	40A*10	20A*10
INV.Efficiency	≥92.6%	≥92.1%
Output (AC)		
Rated Power	3000 Watt	3000 Watt
Peak Power	6000 Watt	6000 Watt
Output Volt (AC)	110/220/230/240Vac	110/220/230/240Vac
Output Volt Range (AC)	±5%	±5%
Output Frequency	50/60Hz±0.5%	50/60Hz±0.5%
Output Waveform	Pure Sine Wave	Pure Sine Wave
Harmonics(THD)	≤3%	≤3%
Output Type	Universal/Customized	Universal/Customized
Protection Function		
Low Volt Protect	Yes	Yes
Over Volt Protect	Yes	Yes
Over Heating Protect	≥45℃ or Load≥60% Rated Power, Cooling Fan Runs; ≥75℃, Shut off . Shut down O/P Voltage, Re-power on / Temp down to recover	
Short Circuit Protect	Shut down O/P voltage, Re-power on / Remove to recover	
Overload Protect	120% Rated Power for 10 Seconds, Shutdown; Remove Power to Recover	
General Data		
Operating Temp.	-20 ℃ ~ +60 ℃	-20 ℃ ~ +60 ℃
Operating Humidity	20% ~ 90% RH; Non-condensing	
Storage Temp.	-30 ℃ ~ +75 ℃	-30 ℃ ~ +75 ℃
Storage Humidity	0 ~ 95% RH	0 ~ 95% RH
Cooling Concept	Loading and Thermostatically controlled cooling fan running	
Noise (1M Distance)	<35 dB	<35 dB
Warranty (1/2/3 years)	Yes/Opt./Opt.	Yes/Opt./Opt.
Physical & Packing Info		
Pro.Size (L*W*H)	350*255*155 mm	350*255*155 mm
Pro.Weight (N.W)	7.8±0.30 Kg	7.8±0.30 Kg
Box Size (L*W*H)	485*330*255 mm	485*330*255 mm
Pro.&Box Weight	8.8 Kg	8.8 Kg