

# PURE SINE WAVE INVERTER

High Frequency DC-AC Power Inverters



GOBRIGHT

Email: sales@gogobright.com

TEL: +86 755 86327335

## GBR2500L 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: 2500W, Peak power:5000W;
- 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

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
USA	AUSTRALIA	UNIVERSAL	U.K	FRANCE	GERMANY

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## Technical Specification

Inverter Model	GBR2500L-12V	GBR2500L-24V
<b>Input (DC)</b>		
Input Volt (DC)	12Vdc	24Vdc
Input DC Range	10.0~15.0Vdc	20.0~30.0Vdc
Max Input DC Current	250A	125A
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	≥93.4%	≥93.2%
<b>Output (AC)</b>		
Rated Power	2500 Watt	2500 Watt
Peak Power	5000 Watt	5000 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
<b>Protection Function</b>		
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	
<b>General Data</b>		
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.
<b>Physical &amp; Packing Info</b>		
Pro.Size (L*W*H)	400*150*125 mm	400*150*125 mm
Pro.Weight (N.W)	5.8±0.30 Kg	5.8±0.30 Kg
Box Size (L*W*H)	430*170*145 mm	430*170*145 mm
Pro.&Box Weight	6.3 Kg	6.3 Kg