



GOBRIGHT

600W GBR-P Series

DC to AC Inverter Pure sine wave

Model

GBR600P-12

GBR600P-24

GBR600P-48

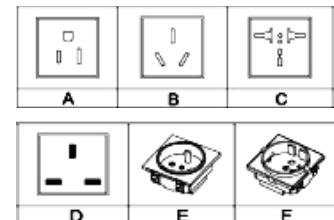


The GBR-P Series feature pure sine wave output with 600, 1000, 1500 and 2000 watts respectively. With high surge capability, the GBR-P Series provides the necessary current to start-up demanding electrical loads. The GBR-P products are available with some different socket types: Schuko, Universal and others. The GBR-P Series offers many safety features not found in similar inverters.

The compact, easy-to-use and easy-to-install design of the GBR-P Series makes it ideal for use in commercial truck, marine applications and solar system. With Pure Sine Wave output, the GBR-P Series can provide power for all types of electrical loads including, variable speed power tools, advanced electrical appliances, microwaves and much more. The GBR-P series provides household AC power anywhere.

Design Features

- High efficiency;
- Advanced double CPU intelligent technology;
- Pure sine wave output (T.H.D \leq 3%);
- Commercial grade design suitable for heavy duty loads, long periods of continuous operation & for emergency back up;
- Temperature controlled cooling fan – reduces energy consumption;
- Low idle power draw;
- Comes with terminal-type battery cable lugs;
- UPC – Universal Protection Circuit: low voltage, over voltage, over temperature, over load and short circuit.



18 MONTHS LIMITED WARRANTY



GOBRIGHT

600W GBR-P Series

MODEL NO.	GBR600P-12	GBR600P-24	GBR600P-48	
OUTPUT	CONTINUOUS POWER	600 Watts	600 Watts	600 Watts
	SURGE POWER	1200 Watts (< 100 ms)	1200 Watts (< 100 ms)	1200 Watts (< 100 ms)
	OUTPUT VOLTAGE	110/220/230/240Vac ± 3%	110/220/230/240Vac	110/220/230/240Vac
	OUTPUT FREQUENCY	50/60Hz±0.5%	50/60Hz±0.5%	50/60Hz±0.5%
	TYPE OF WAVEFORM	Pure Sine Wave (THD≤3%)	Pure Sine Wave (THD≤3%)	Pure Sine Wave (THD≤3%)
	No Load Current Draw	≤ 600mA	≤ 380mA	≤ 200mA
	AC OUTPUT CONNECTIONS	Universal/Customized	Universal/Customized	Universal/Customized
INPUT	NOMINAL DC INPUT VOLTAGE	12Vdc	24Vdc	48Vdc
	DC INPUT VOLTAGE RANGE	10.0~15.0Vdc	20.0~30.0Vdc	40.0~60.0Vdc
	MAXIMUM INPUT CURRENT	80A	40A	20A
EFFICIENCY	INV. EFFICIENCY	≥95.7%	≥95.5%	≥95.3%
PROTECTIONS	LOW DC VOLTAGE ALARM	10.5±0.2Vdc	21.0±0.5Vdc	42.0±1.0Vdc
	LOW DC VOLTAGE SHUTDOWN	10.0±0.2Vdc	20.0±0.5Vdc	40.0±1.0Vdc
	HIGH DC VOLTAGE SHUTDOWN	15.5±0.2Vdc	31.0±0.5Vdc	61.5±1.0Vdc
	OVER TEMPERATURE SHUTDOWN	85°C ± 2°C ; Auto reset at 55°C ± 2°C		
	SHORT CIRCUIT SHUTDOWN	Shut down O/P voltage, Re-power on/Remove to recover		
	OVERLOAD SHUTDOWN	At overload of 110% to 120% for 3 to 3.5 sec; Remove Power to Recover		
DISPLAY	LED INDICATOR	Power, Low Voltage, Over Voltage, Overload, Over Temperature etc.		
ENVIRONMENT	OPERATING TEMPERATURE	-20 C ~ +60 C	-20 C ~ +60 C	-20 C ~ +60 C
	OPERATING HUMIDITY	20% ~ 90% RH; Non-condensing		
COOLING	INTELLIGENT CONTROL	Temperature controlled fan; Fan ON at 55°C ± 2°C; Fan OFF at 45°C ± 2°C		
DIMENSIONS	(L*W*H), MM	220x180x88	220x180x88	220x180x88
	(N.W/G.W), KG	2.10 / 2.55	2.10±0.10	2.10±0.10
PACKAGE	INNER BOX (L*W*H), MM	345x240x155	345x240x155	345x240x155
	CTN'S	6PCS/CTN	6PCS/CTN	6PCS/CTN
	CARTON (L*W*H), MM	495*360*485	495*360*485	495*360*485
	CARTON (N.W/G.W), KG	14.60 / 15.80	14.60 / 15.80	14.60 / 15.80

NOTE: Specifications are subject to change without notice