

# CyberGEN<sup>®</sup> - Electronic AC Backup Powering System!



Design  
Patented No.  
ZL013473609



- CG-1205
- CG-1206
- CG-1208
- CG-1210

## Simple - Powerful - Reliable - Rechargeable

### Product Features:

- Able to equip with different size of Brillhaus™ AGM VRLA Battery respectively for power-up and long lasting uses.
- Configured with max. 1200 watts inverting system in order to generates AC power from internal power source and works as AC generators to create electricity;
- An excellent alternative to portable generators - no fumes, noise, moving parts, fuel and maintenance-free operation;
- Battery voltage status indicator with a test button confirms charge level;
- With 12V vehicle power outlet for running 12V DC application at the same time;
- Can be recharged from wall outlet directly - enabling you to operate in the "cordless mode" for greater efficiency and easy of use.
- Heavy-duty DC input modular connector has been featured on the product in order to recharge CyberGEN™ from external DC power sources directly.
- Low battery voltage alarm alerts & automatic shutdown;
- High surge automatic shutdown protection,
- Under voltage automatic shutdown protection in order to protect the DC power source.
- Overload automatic shutdown protection when inverting system is overloaded to protect your equipment from spikes,
- Thermal automatic shutdown protection when inverting system is overheated;
- Featured with up to 4 AC outlets for multiple applications at the same time as the same as power outlets you can have at home.

CyberGEN™ Model No.	CG-1205	CG-1206	CG-1208	CG-1210
<b>Electrical Specifications:</b>				
<b>12 DC Power Source</b>				
Internal Power Bank / Battery (Optional)	Brillhaus™ AGM VRLA Battery			
Internal Battery Capacity (Amp-hour)	50	60	80	100
Internal Battery Voltage	12 VDC (nominal)			
Inverter no-load current drawn	2.0 amps			
Built-in ultra bright LED Work Light	30 blue-white ultra bright LED			
No. of 12V DC receptacle(s)	Single			
No. of 5V 1.0A USB power port	Dual			
<b>120 V AC section</b>				
Max. AC output power for 5 minutes	1200 watts			
Continuous AC output power	1200 watts			
Surge capability (W)	≥2000 watts			
RMS AC voltage & frequency (auto reset)	120/230 VAC ± 10%, 60Hz ± 4Hz			
AC output waveform <sup>1</sup>	Regulated Modified Sine Wave			
No. of AC receptacle(s)	4			
<b>Internal AC Charging System</b>				
Battery Protection	Automatic Self-Test and Shut Down when fully charged			
Battery Capacity Indicator	Yes			
AC charger bulk charging current	10 amps (max.)			
Peak charging voltage	14.4 VDC (nominal)			
Charge restart voltage	13.8 VDC (nominal)			
Battery Temperature Sensor	Yes			
<b>Internal Auto Transfer System</b>				
Mains AC Input Voltage (True RMS)	120/230 VAC 60/50Hz (V: +/- 18%, Hz: +/- 8%), 10 Amps			
Switching rating (A) 120/230VAC	≥20/10 A			
Duration (AC to DC Auto Switching Mode)	App. 100 milliseconds			
<b>General Specifications:</b>				
Storage temperature	-10°C ~ 60°C (14°F ~ 140°F)			
Operating temperature	-5°C ~ 50°C (23°F ~ 122°F)			
Inverter low battery alarm alert	10.8 VDC (nominal)			
Inverter low battery shutdown	10.0 VDC (nominal)			
Over Voltage shutdown	15.6 VDC (nominal)			
Overload auto shutdown (Solely)	≥ 1250 W			
Thermal shutdown	≥ 66 °C			
Dimensions without telescope grip (HWD) (mm)	793 x 438 x 248.5			
Overall dimension with trolley (mm)	930 x 438 x 248.5			
Weight of unit without battery (kg)	4.83			
Weight of battery (kg)	18.0	20.5	25.5	31.5
Warranty (Battery not included)	6 months			
<b>Remarks:</b> All specifications and design subject to change without prior notice.				

iFonix reserves the right to change the specifications and circuitry without prior notice at any time. iFonix does not consider responsibility for use of any circuitry other than circuitry entirely included in a iFonix product. iFonix is a registered trademark of iFonix.