

## WAGAN Corp. Limited Warranty Registration Form

All WAGAN Corporation products are warranted to the original purchaser of this product.  
**Warranty Duration:** This product is warranted to the original purchaser for a period of one (1) Year from the original purchase date, to be free of defects in material and workmanship. WAGAN Corporation disclaims any liability for consequential damages. In no event will WAGAN Corporation be responsible for any amount of damages beyond the amount paid for the product at retail. In the event of a defective item, please ship the item, prepaid, with a complete explanation of the problem, your name, address and daytime phone number. WAGAN Corporation will, at its option, replace or repair the defective part. This warranty is void if the product has been damaged by accident, in shipment, unreasonable use, misuse, neglect, improper service, commercial use, repairs by unauthorized personnel or other causes not arising out of defects in materials or workmanship. This warranty is effective only if the product is purchased and operated in the USA and does not extend to any units which have been used in violation of written instructions furnished.

**Warranty Disclaimers:** This warranty is in-lieu of all warranties expressed or implied and no representative or person is authorized to assume any other liability in connection with the sale of our products. There shall be no claims for defects or failure of performance or product failure under any theory of tort, contract or commercial law including, but not limited to negligence, gross negligence, strict liability, breach of warranty and breach of contract.

**Warranty Performance:** During the above one (1) Year warranty period, a product with a defect will be replaced with a comparable model when the product is returned to WAGAN Corporation with an original store receipt. The replacement product will be in warranty for the balance of the one (1) Year warranty period.

For additional support please email [customerservice@wagan.com](mailto:customerservice@wagan.com).

- Please activate my limited warranty for WAGAN Corp. Smart AC 110.
- Enclosed copy of original sales receipt.

Name	/ Email Address		
Mailing Address			
City			
State, Zip Code			
Item Purchased	Smart AC 110		
Store Name			
Date of Purchase			
Signature		Date	

All WAGAN Corporation Products must be registered within (30) days of purchased to activate this warranty. Mail the complete registration form, along with a copy of the original receipt to:

Attn: Customer Service  
 WAGAN Corporation  
 3589 Yale Way  
 Fremont, CA 94538

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# Smart AC 110<sup>TM</sup> INVERTER

**110 W Continuous Wattage**  
**300 W Peak Surge Power**



**Item # 2210**

**OWNER'S MANUAL**

**Your Smart AC Power Inverter converts 12V DC battery power to 110V AC household electrical power so you can operate products from your car, truck, boat, SUV or RV.**

## Operation

1. Plug the inverter into your vehicle's lighter socket. If the socket is too large, adjust the negative connectors using the slide control to ensure a snug fit. The (green) LED will light up.
2. Plug an AC product into the three prong AC receptacle and turn it on. Ensure your product draws 110 watts or less of continuous AC power. To avoid discharging the battery, always remove the inverter from the lighter socket when not in use.



**Important:** BEFORE USING YOUR SMART AC POWER INVERTER READ AND UNDERSTAND THIS OWNER'S GUIDE. SAVE THESE INSTRUCTIONS-THIS OWNER'S GUIDE CONTAINS IMPORTANT SAFETY INSTRUCTIONS.

**WARNING! Shock hazard** The Smart AC Power Inverter generates the same AC power as a normal household wall outlet.

- Do not open (no user-servicable parts inside).
- Do not insert foreign objects into the outlet.
- Do not expose to water, rain, or snow.
- Do not connect to power utility AC distribution wiring.
- Failure to follow the above may result in personal injury or damage to the inverter.

**WARNING! Heated surface** The inverter housing may become uncomfortably warm, reaching 65°C (150°F) under extended high power operation. During operation, keep the inverter from materials that may be affected by high temperatures.

## CAUTION

- REFER TO THE BATTERY MANUFACTURER'S SAFETY INSTRUCTIONS FOR PROPER BATTERY INSTALLATION AND OPERATION.
- NEUTRAL FLOATING-do not connect to the inverter any AC products whose neutral conductor is connected to the ground.
- Do not expose to temperatures over 40°C (104°F).

## Troubleshooting

**Problem: AC product does not operate; green light is not illuminated**

Probable cause	Suggested remedy
AC product connected is rated at more than 110 watts; overload shutdown occurs.	Use product with a power rating of less than 110 watts.
High starting surge has caused overload shutdown even though AC product connected is rated at less than 300 watts.	Product exceeds inverter's surge capability. Use a product with starting surge power of less than 300 watts.
Lighter socket or 12 volt outlet may require ignition to be switched on.	Turn ignition key to accessory position.
Poor contact with lighter socket or 12 volt outlet.	Press inverter firmly into the lighter socket. Make sure the socket is clean.
Battery is discharged.	Recharge battery.
Fuse blown by heavy load.	Replace the 15 A slow blow fuse by unscrewing the fitting in the positive connector.

**Problem: Buzzing sound in audio systems**

Inexpensive stereo systems have an inadequate internal power supply filtering which causes a buzzing sound. A system with a high quality filter is the only solution.

**For additional technical support please e-mail [customerservice@wagan.com](mailto:customerservice@wagan.com)**