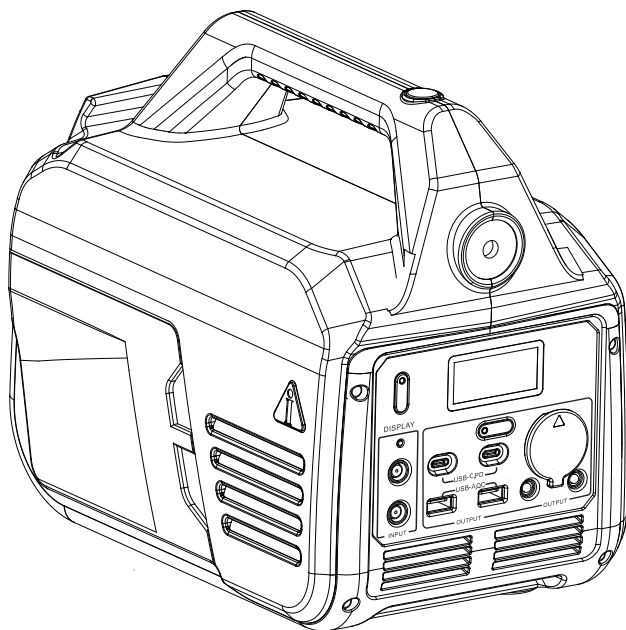




## PORTABLE POWER STATION

### Owner's Manual



**P/N: 32082-04910-00**

**Model# GS350i**

**Rev:00**

**Model:** \_\_\_\_\_

**Serial:** \_\_\_\_\_

**Date Purchased:** \_\_\_\_\_

**THIS MANUAL FOR FUTURE REFERENCE**

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# INTRODUCTION

## Read This Manual Thoroughly

### WARNING



Read and understand manual completely before using product. Failure to completely understand manual and product could result in serious injury.

If any section of this manual is not understood, contact customer Service at 855-888-3598, or [www.a-ipower.com](http://www.a-ipower.com) for starting, operating and servicing procedures. The owner is responsible for proper maintenance and safe use of the unit.

SAVE THESE INSTRUCTIONS for future reference. This manual contains important instructions that must be followed during placement, operation and maintenance of the unit and its components. Always supply this manual to any individual that will use this unit.

The information in this manual is accurate based on products produced at the time of publication. The manufacturer reserves the right to make technical updates, corrections and product revisions at any time without notice.

### WARNING

Lithium-ion batteries and products that contain lithium-ion batteries can expose you to chemicals including cobalt lithium nickel oxide, and nickel, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## SAFETY

The words DANGER, WARNING, CAUTION, and NOTICE are used throughout this manual to highlight important information. Make sure that the meanings of this safety information is known to all who operate, perform maintenance on, or are near the portable power station.



This safety alert symbol appears with most safety statements. It means attention, become alert, your safety is involved! Please read and abide by the message that follows the safety alerts symbol.

The manufacturer cannot possibly anticipate every possible circumstance that might involve a hazard. The warnings in this manual and the tags and decals affixed to the unit are therefore not all-inclusive. If you use a procedure, work method or operating technique that the manufacturer does not specifically recommend you must satisfy yourself that it is safe for you and others. You must also make sure that the procedure work method or operating technique that you choose does not render the generator unsafe.

## DEFINITIONS AND SYMBOLS

### DANGER

Indicates a hazard which, if not avoided, will result in death or serious injury.

### WARNING

Indicates a hazard which, if not avoided, could result in death or serious injury.



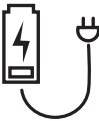







### CAUTION

Indicates a hazard which, if not avoided, could result in minor or moderate injury.

### NOTICE

Indicates information considered important, but not hazard-related (e.g., messages relating to property damage).

## ATTENTION

	Not permitted on airplanes		Use original or certified charger & cables
	To preserve the battery lifespan, use & recharge at least once every 3 months		Avoid extreme temperature
	Dispose of batteries and electronic goods in accordance with local regulations		Do not expose to liquids
	Avoid dropping		Do not disassemble violation space may cause electric shock or product damage
	Please use PPS between 20%-90% battery volume to achieve longer service life and better performance.		Please keep away from heat source, fire, inflammable gas or the liquid, and please do not expose to the blazing sun for long time

## DISCLAIMERS

Our company cannot be held liable for damages caused by fire, earthquake, use by a third party, other accidents, intentional misconduct on the part of the customer, abuse or other abnormal conditions. Do not repair any damage to the AC plug or power supply on your own. The warranty covers all terms and conditions of the warranty. Contents that are not specified in the warranty terms and conditions are beyond our responsibility. Our company assumes no liability for damages caused by incorrect use or non-compliance with this instruction manual.

## INTENDED USE

The GS350i Portable Power Station is a power supply for electronic devices with a maximum power consumption of 350W. Our product is not suited for use with equipment that relates to one's own personal safety and relies heavily on electricity, such as medical devices, equipment for nuclear facilities, manufacture of air and spacecraft, etc. We assume no liability for accidents involving personal safety, fires, or machine failures caused by using our product with the aforementioned devices.

## GENERAL SAFETY PRECAUTIONS

### DANGER

- DO NOT charge, use or store the unit in a bathroom or in an area exposed to rain or moisture.
- DO NOT disassemble, repair or modify the unit or the battery.
- DO NOT place the unit close to or in a fire or expose it to heat. Keep out of direct sunlight. Only use the output socket to power external devices. Never connect the output to mains power under any circumstances.
- DO NOT touch the unit or the plug-in points if your hands are wet.
- DO NOT use any inappropriate or damaged power cords.
- DO NOT operate the unit above the specified input voltage.
- DO NOT use the unit if it is not functioning correctly.
- DO NOT move the unit if it is recharging or in use.
- DO NOT connect any metallic objects to the AC input or output.
- DO NOT rub your eyes if fluid from inside the unit gets on your hands
- DO NOT dispose the unit together with household waste.

### WARNING

- Use and store the unit only in a clean and dry environment. DO NOT use and store in dusty or wet environment.
- Check the unit prior to every use. DO NOT use the unit if it is damaged or broken.
- DO NOT use the unit if the power cord is damaged or broken.
- DO NOT use or store the unit in an area or environment with high temperature.
- DO NOT charge the unit via power supply systems that operate outside of 100-240V.
- DO NOT place the unit on its side or upside down while in use or storage.
- Keep the unit away from children. DO NOT let children use the power supply unit.
- Keep this product away from pets.
- Should fluid from inside of the unit come in contact with your skin or clothing, wash the affected areas with tap water
- In a storm, unplug the power cord from the socket.

## CAUTION

- Make sure that the device you are connecting is switched off before you connect it.
- Only charge, use and store the unit within ambient temperature of -10 to 40°C(14°F-104°F).
- Make sure that the unit is properly secured when transporting it in a motor vehicle.
- If rust, peculiar odors, overheating or other abnormal circumstances are observed, stop using the unit immediately and contact our customer service team.
- Carefully read the instructions for the electric devices that you intend to connect to your portable power station.
- Turn the unit off immediately if it has accidentally fallen, was dropped or was exposed to vibrations.

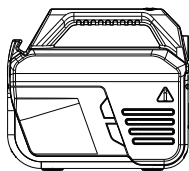
MAIN SPECIFICATIONS	
Model Number	GS350i
Capacity	332.2Wh(25.55V, 13Ah)
Starting Watts	700W
Running Watts	350W
Battery Cell	3.65V - 2.6Ah
Battery Cell Chemistry	Lithium Ion (Li-ion) NMC
Total mAh	91000 mAh
AC Output Voltage	120V
AC Output Frequency	60Hz
Sine Wave Type	Pure Sine Wave
Life Cycle	500 Cycles to 80% Capacity
Wall Charging Time	0% To 80% Within 4.0 hrs 0% To 100% Within 5.5 hrs
Car Charging Time	0% To 80% Within 3.5 hrs 0% To 100% Within 4.5 hrs
Working Temperature	-10°C to 40°C (14°F to 104°F)
Certifications	FCC-ROHS-BC-UN38.3
Protections	High Temperature Protection Over Load Protection Over Voltage Protection Under Voltage Protection Overcharge Protection Overcurrent Protection Short Circuit Protection Over Discharge Protection
Warranty	2 Years (Residential)
Net Weight	6.6lbs

### \* PURE SINE WAVE

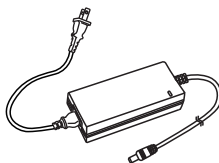
The output voltage of a sine-wave inverter has a sine wave -form like the sine wave-form of the mains/utility voltage. In a sine wave, the voltage rises and falls smoothly with a smoothly changing phase angle and also changes its polarity instantly when it crosses 0 Volts. The unit provides Pure Sine Wave output and can be compatible with AC electrical appliance that works with Sinusoidal waveform. Appliances that use an AC motor are going to work to full capacity on a pure sine wave, such as an electrical fan. Appliances like refrigerators, microwaves, and compressors that use AC motors and some delicate equipment will be better use with our pure sine wave inverter.



## WHAT'S INSIDE THE BOX



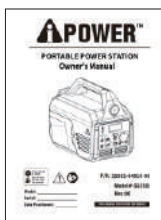
Portable Power Station



AC Charger



DC Car Charger

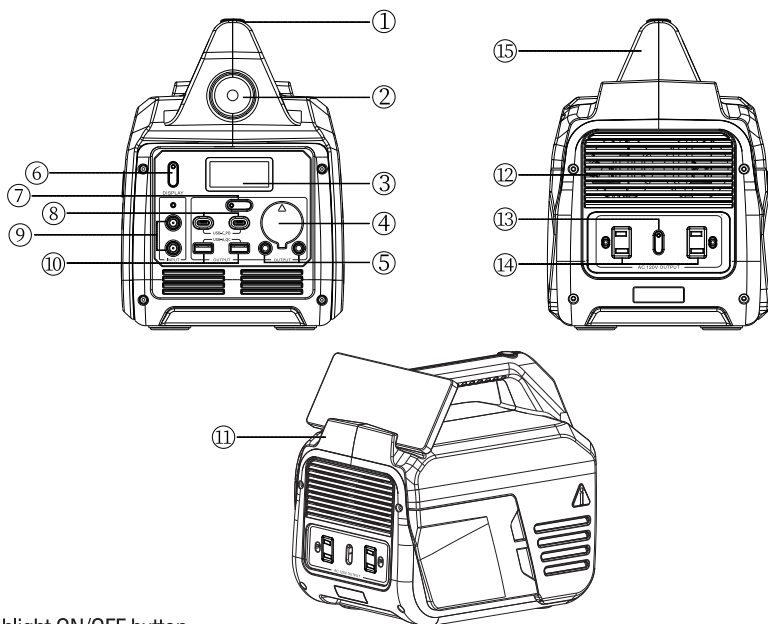


User Manual



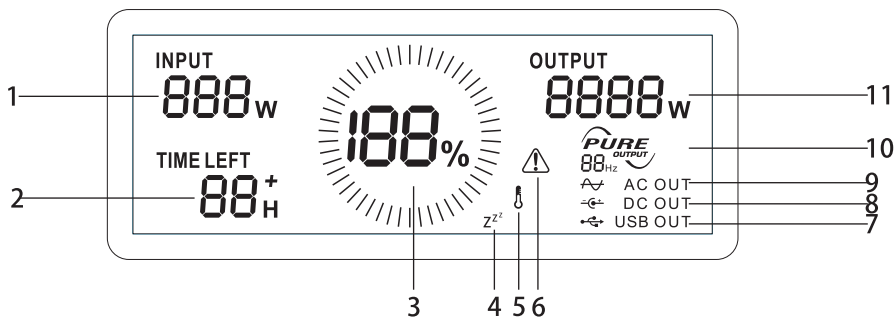
Accessories Bag

## GET TO KNOW YOUR PPS



1. Flashlight ON/OFF button
2. Flashlight
3. LCD display (Data Center)
4. Car output: 13.6V, Up to 8A
5. DC5521 output x2: 12V, Up to 4A (Per each outlet)  
Total Amp from car and 2x DC5521 outputs: 8A
6. Main power switch with indicator light
7. DC power ON/OFF button with indicator light
8. USB-C PD output: 5V/9V/12V/15V/20V, up to 3.2A (65W max/outlet), total 130W.
9. DC7909 inputs:
  - A. Wall charging: 20V, up to 3.2A, (64W max);
  - B. Car charging: 12V, up to 8.3A, (100W max);
  - C. Solar charging with 60W Solar panel AP60: 18V-24V (60W max);
  - D. Solar charging with 100W Solar panel AP100: 18V-24V (100W max).
10. USB-A QC output: 5V---2.5A, 9V---2A, 12V---2A (24W max)
11. Phone holder
12. Cooling fan
13. AC power ON/OFF button with indicator light
14. AC output X2 120V: 120V~60Hz, Up to 2.5A/outlet, total 300W
15. Handle

# LCD DISPLAY (DATA CENTER) GUIDE



INPUT 888 <sub>W</sub>	1-Recharging Power Indicator	TIME LEFT 88 <sup>+</sup> <sub>H</sub>	2-Time Left Indicator (Charge Or Discharge)
188%	3-Power Display (%)	ZZ <sup>z</sup>	4-Save-Energy Indicator
Thermometer icon	5-Low Temperature and High Temperature Warning Indicator. The GS350i should be used in temperatures between -10-40°C (14-104°F)	Warning triangle icon	6-Over Load Warning Indicator
USB icon	7-USB Output Indicator	DC symbol icon	8-DC Output Indicator
AC sine wave icon	9-AC Output Indicator	PURE SINE WAVE 88 <sub>Hz</sub> icon	10-Pure Sine Wave Indicator
OUTPUT 8888 <sub>W</sub>	11-Discharge Power Indicator		

## HOW TO USE THE FLASHLIGHT

- 1.Press flashlight ON/OFF button once to turn light ON.
- 2.Press button again to make light 50% brightness.
3. Press button a third time to turn light OFF.

SOS MODE: While the light is on, hold down flashlight button for 3 seconds to activate SOS mode. Single press to turn SOS mode off.

### ⚠ WARNING


Do not look directly into the light. May cause damage due to the strong light.

## USING YOUR PPS GS350i

Press the main power button to turn on the unit. The button will illuminate green when it is ON. The LCD display (Data Center) lights up and displays necessary information. The unit is now in standby mode and ready to use. Double click the main power button to deactivate the LCD display to save energy (Energy Saving Mode). Press the main power and hold for more than 3 seconds to turn off the unit.

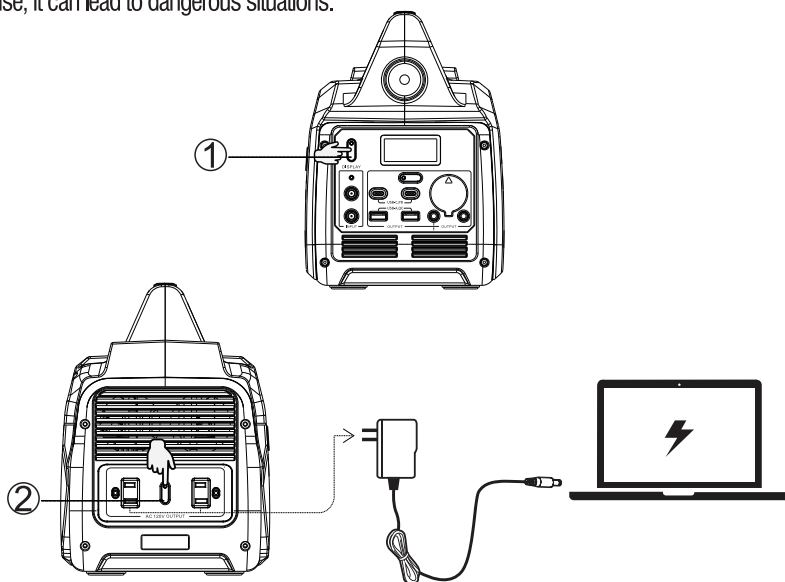
### USING AC OUTPUT (120V)

Before use, plug your PPS into the wall until it is fully charged.

1. Make sure the appliance you are plugging in is turned off.
  2. Connect the power cable plug of the electrical appliance to the AC outlet of the unit.
  3. Press the main power button to turn on the unit. The button will illuminate green when it is ON.
  4. Press AC power ON/OFF button. The button will illuminate green when it is ON. The LCD display indicates AC output icon (  ). The interval time between pressing AC output ON/OFF button should not be less than 3 seconds.
  5. Turn AC appliance ON. The LCD Display will display real-time wattage of the appliance.
- When finished, hold the main power switch for more than 3 seconds to turn off the unit, remove power cable. Press AC power ON/OFF button to turn the AC outlets off (If you leave the AC Power button ON it will drain the battery.) Then, press the main power and hold for more than 3 seconds to turn off the unit.

**NOTICE:** If the total output exceeds 350W, the power station will automatically shut off. Please ensure the power consumption is less than 350W, then press the AC On/OFF power button.

**WARNING:** The AC outlets, AC voltage, and frequency are different according to different countries, please carefully check whether the product specifications are consistent with the appliance specifications before use, otherwise, it can lead to dangerous situations.



## USING DC OUTPUT (USB-A QC, USB-C PD, DC 5521 and DC Car Outlets)

Before use, plug your PPS into the wall until it is fully charged.

1.Connect the power cable plug of the electrical device to the DC outlet of the unit including:



USB-A QC (Qty:2)

USB-C PD (Qty:2)

DC 5521 output (Qty:2)

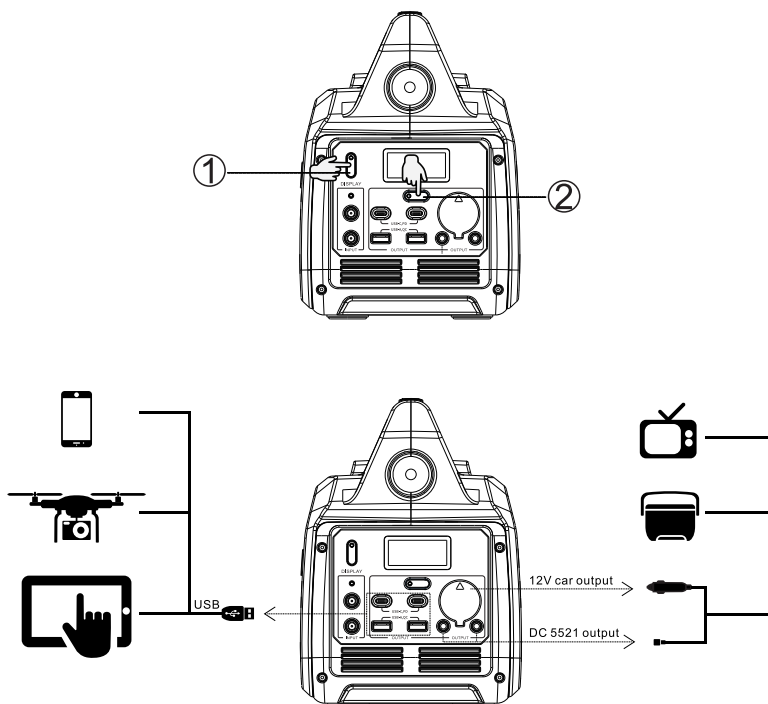
12V car output (Qty:1)

2.Press the main power button to turn on the unit. The button will illuminate green when it is ON.

3.Press DC power ON/OFF button. The button will illuminate green when it is ON. The LCD display indicates USB icon (  ) or DC icon (  ).The LCD Display will display real-time wattage of the appliance.

When finished, hold the main power switch for more than 3 seconds to turn off device, remove power cable. Press DC power ON/OFF button to turn the DC outlets off (If you leave the DC Power button on it will drain the battery.) Then, press the main power and hold for more than 3 seconds to turn off the unit.

**NOTICE:** If the total output exceeds the wattage output of the DC outlet, the power station will automatically shut off. Please ensure the power consumption is less what the outlet is rated for before using the device.



# RECHARGING YOUR PPS

Your PPS can be recharged by:

**1-AC Charger:** Using the included AC charger cable, plug the unit into standard wall outlet to charge the unit. You will know the unit is charging when the green LED battery indicator light is ON. The unit is fully charged when all battery indicators on the LCD display are illuminated. Recharge time: within 4 hour (0-80%) or within 4.5 hours (0-100%)

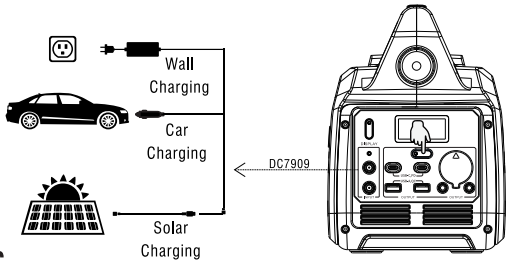
**2-DC Car Charger:** Using the included DC car charger cable, plug the unit into 12V cigarette lighter (carport) in your car to charge the unit. You will know the unit is charging when the green LED battery indicator light is ON. The unit is fully charged when all battery Indicators on the LCD display are illuminated.

Note: To avoid car battery power loss, charging this unit through your car cigarette lighter is only available when your car engine is started.  
Recharge time: within 3 hour (0-80%) or within 4 hours (0-100%)

**3-Solar Panel (not included):** Make sure to use panel with Dc7909 output plug.  
Note: Power generated by the solar panel is dependent on weather. A sunny day will allow for optimal performance. A cloudy day may lessen the power output. Place solar panel where it will get as much direct sunlight as possible.  
Plug the output of the solar panel into DC input (DC7909) on your PPS. You will know the unit is charging when the green LED battery indicator light is ON. The unit is fully charged when all battery indicators on the LCD display are illuminated.  
Below Solar Panels are available to purchase. Call our Customer Service Center for availability.

Model	60W Input(AP60)	100W Input(AP100)
Time	9-10Hours	5-6Hours

The above data is from ideal experimental data for reference only. The data will fluctuate up and down depending on the environment, use method and other factors.



## COLD WEATHER CHARGING

Cold temperatures (below freezing) can affect the unit's battery capacity due to chemical characteristics of the battery. If you'll be living off-grid in sub-zero conditions, we recommend you keep your unit in an insulated cooler, and connected to a power source (solar panels).The natural heat generated by the unit contained in an insulated cooler will keep battery capacity at its highest.

## LIMITED WARRANTY

KEEP YOUR RECEIPT. Proof of purchase will be required to substantiate any warranty claim.

WHAT IS COVERED: A-iPower Corp. warrants to the original retail purchaser in the North America that this product is free of defects in material and workmanship and agrees, at A-iPower Corp's direction, to either repair, provide replacement parts for, or replace (without charge for parts or labor) any product or component with a material defect for a period of 2 years from the date of purchase, subject to exclusions noted herein. Warranty service and replacement parts are warranted only for the duration of the warranty on the original product. All replaced parts or products become a property of A-iPower Corp.

Thank you for choosing A-iPower products. To ensure proper registration of your product warranty, please submit your warranty registration along with proof of purchase within 10 days of the date of purchase, this can be done by:

a) Completing the Warranty Registration form at the back of this manual and mailing to:

A-IPOWER CORP

10887 COMMERCE WAY UNIT A

FONTANA CA 92337 USA

b) Visit us at [www.a-ipower.com](http://www.a-ipower.com) and click the product registration icon.

### WARRANTY TERMS

A-iPower Corp. will provide 2 years limited warranty for any A-iPower portable power station products purchased through any authorized AiPower dealer in North America that fails to operate during the applicable warranty period due to defect in workmanship or material. If a valid claim is made during the applicable period, A-iPower Corp., at its option, will either (1) repair the product, or (2) exchange the product with a product that is of equal value. A replacement product assumes the remaining warranty of the original product or ninety (90) days from the date of replacement, whichever is greater. For questions regarding coverage, please contact Customer service Dept. 855-888-3598 or e-mail to [support@a-ipower.com](mailto:support@a-ipower.com).

Please have necessary information available – Model Number, Serial Number and Proof of Purchase.

### DO NOT RETURN THE PRODUCT TO THE PLACE OF PURCHASE

A-iPower Customer Service Dept will assist with all products related questions and will help troubleshoot issues and will send any replacement parts as necessary while product is within the warranty period at no charge. If the issue cannot be resolved, then A-iPower Customer Service Dept at its discretion determine and authorize diagnosis and repair through one of its authorized Service Centers. A-iPower Corp at its discretion may choose to provide replace of part, component, or product. Service or replacement of parts at any unauthorized repair facility without prior authorization will not be covered by this warranty.

### WARRANTY EXCLUSIONS

This warranty does not cover the following:

## Regular wear and maintenance

- this warranty will not cover repair when normal use has exhausted the lifetime of a part(s) or the unit.
- Installation and Maintenance - this warranty does not cover improper or unauthorized assembly, alteration, modification or any other damage resulting from misuse or neglect.
- Cosmetic defects such as scratches to paint, decals, etc.
- Costs of normal maintenance and adjustments.
- Repairs or diagnostics performed by individuals other than an Ai-Power's Authorized Service Dealer (unless approved by Ai-Power)
- Failures due to normal wear and tear, accident, misuse, abuse, negligence or improper use.
- Failures caused by any external cause or act of God, including but not limited to, collision, theft, vandalism, riot, war, fire, freezing, lightning, earth-quake, windstorm, hail, water, flood, tornado, or hurricane.
- Damage related to rodent and/or insect infestation.
- Any incidental, consequential or indirect damages caused by defects in materials or workmanship, or any delay in repair or replacement of the defective part(s).
- Failure due to misapplication.
- Telephone, cellular phone, facsimile, Internet access, or other communication expenses.
- Expenses related to "customer instruction" or troubleshooting where no manufacturing defect is found.
- Overnight freight or special shipping costs for replacement part(s).
- Overtime, holiday or emergency labor.

## **MERCHANDISE RETURN GUIDELINES**

- All products must be returned in original or equivalent packaging. Improperly packaged returns will not be accepted.
- Must have adequate packing for transportation.
- Return to address provided in return authorization, using the parcel service required. Units returned without authorization will not be honored.
- Please Note: Refunds will not be granted for items that have been modified or damaged by abuse or usage not in accordance with product instructions.



# A-iPOWER WARRANTY REGISTRATION FORM

Register your product by emailing this form to support@a-ipower.com or register on-line at: www.a-ipower.com.

Registering your product is important , it provides the following protections:

1. You have record of product purchased
2. Customer Service can Better serve you for Warranty related issues
3. We can contact you in the unlikely event should notification is necessary

## Customer Information:

Name: \_\_\_\_\_  
Phone: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State: \_\_\_\_\_  
Zip code: \_\_\_\_\_  
Purchase Date: \_\_\_\_\_

## Product Information:

Serial # \_\_\_\_\_

Model # \_\_\_\_\_

The serial No. can be found on the engine.  
PLEASE NOTE: Your product cannot be registered without model & serial numbers.

### 1.THE PRODUCT WAS PURCHASED FOR:

A. ☐ Residential Applications

B. ☐ Other \_\_\_\_\_

### 2.THIS PRODUCT IS A: (select one)

A. ☐ First time purchase

B. ☐ Replacement

### 3.HOW DID YOU FIRST LEARN OF THIS PRODUCT: (select one)

A. ☐ Radio

G. ☐ Direct Mail

B. ☐ Store Display

H. ☐ From Friend/Relative/Neighbor

C. ☐ Contractor

I. ☐ Internet

D. ☐ Trade Show

J. ☐ Other \_\_\_\_\_

### 4. PLEASE RATE THE FOLLOWING:

	Completely Satisfied				Not at all Satisfied
	5	4	3	2	1
Product Value for Price Paid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Performance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Features	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product Appearance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Warranty	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease of Maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### 5.HOW LIKELY ARE YOU

TO RECOMMEND A-iPOWER

TO FAMILY OR FRIENDS?

Extremely Likely

Not Likely at all

5

4

3

2

1

☐

☐

☐

☐

☐

Privacy Statement: A-ipower is committed to respecting your privacy and to complying with the regulations regarding the protection of personal data. The survey data we collect is for the purposes of marketing or product support and demographic information about the entire audience registering their products.



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[support@a-ipower.com](mailto:support@a-ipower.com)  
[www.a-ipower.com](http://www.a-ipower.com)