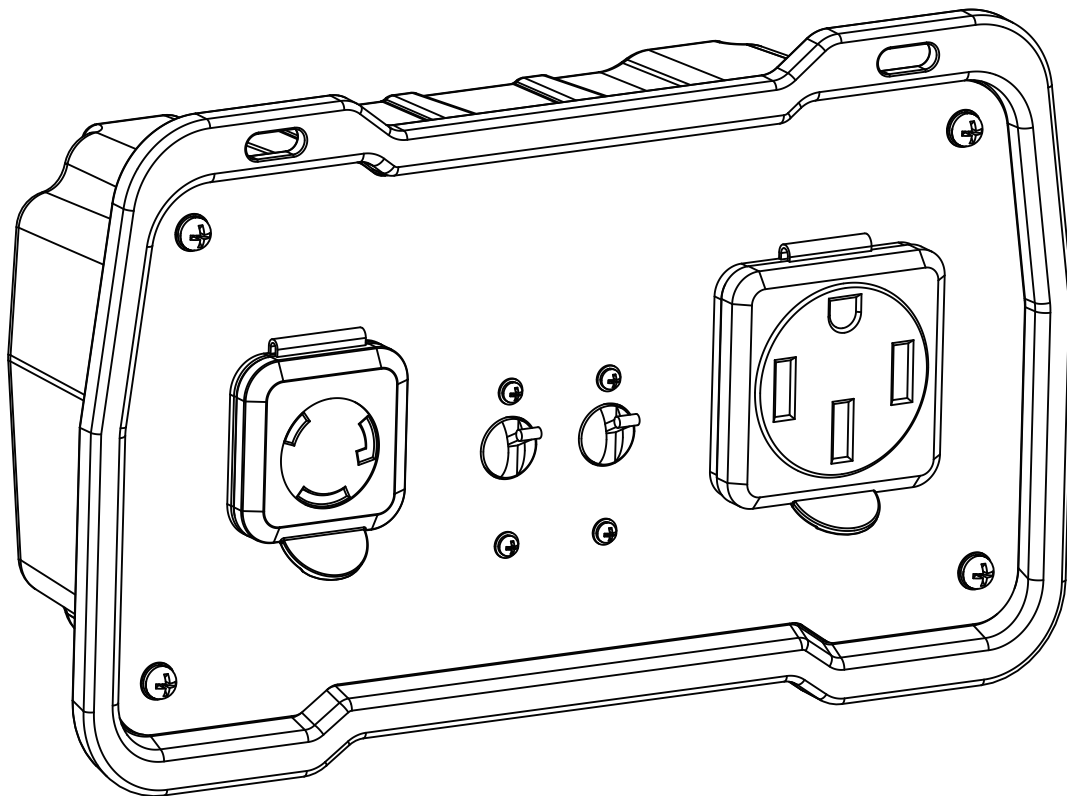




Parallel Kit Owner's Manual



Model: _____

Serial: _____

Date Purchased: _____

Model# PK12000 REV00

P/N: 32082-04884-01

SAVE THIS MANUAL FOR FUTURE REFERENCE

Table of Contents

Introduction.....	1
Read This Manual Thoroughly.....	1
Safety.....	1
Definitions And Symbols.....	1
Assembly And Operation.....	3
Set up and Operation.....	3
Controls And Feature.....	5
Parts Diagram And Parts List.....	6
Parts Diagram.....	6
Circuit Diagram.....	7
Warranty.....	8

INTRODUCTION

Read This Manual Thoroughly

WARNING



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

If any section of this manual is not understood, contact customer Service at 855-888-3598, or 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

Operating, servicing, and maintaining this equipment can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, and wear gloves or wash your hands frequently when servicing this equipment. For more information go to 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 generator.



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).

SAFETY

WARNING

1. Set up and use only on a flat, level, dry and well-ventilated surface.
2. Inspect thoroughly before each use. Do not use if damaged.
3. Fully insert cable plugs into outlets. Do not use excessive force to make connections.
4. Do not drive, drag or place objects over parallel kit cords. Do not walk on parallel kit cords.
5. Read all safety precautions on generator for instruction manual.
6. This product is for outdoor use only.
7. Do not connect or disconnect parallel kit while generator is running. Doing so can cause permanent damage not covered under warranty.
8. Do not get the product wet. Do not use if this product is exposed to moisture.
9. If required, use only certified approved extension cords with this product.
10. Do not overload the parallel kit. The kit can supply a maximum of 50 Amps at 240 Volt or 12000 Watts per outlets depending on the rating of the inverter generators.
11. Do not parallel more than two inverter generators.
12. Link two inverter generators together for 90-95% of the sum of the two inverter wattage rating. (depends on the models).
13. Use only A-ipower inverters for paralleling.

ASSEMBLY AND OPERATION

This kit is intended for use on A-i-power Inverter Generators.

Please refer to your Inverter Owner's Manual for safety rules, start up and shut down procedures, specifications and troubleshooting.

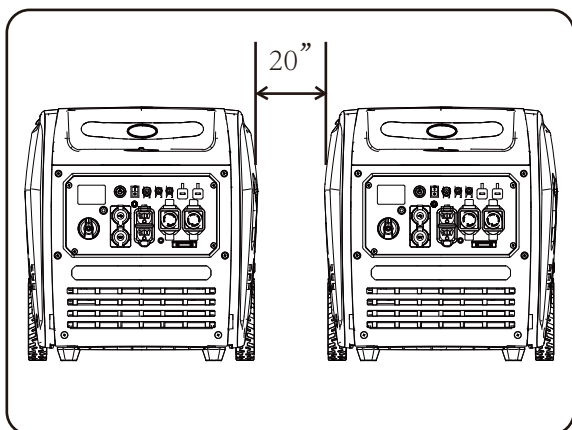
Set Up And Operation (Applicable To All Models)

1. Align the two inverters on a firm, flat and level surface at a minimum 20 inch apart.

WARNING



If not spaced apart, the exhaust heat from one generator discolors or melt the plastic shell on other generator.



If not spaced apart, the exhaust heat from one unit may discolor or melt the plastic on the other unit.

2. Inverters to be **TURNED OFF** and all electrical loads **DISCONNECTED** before installing parallel kit.

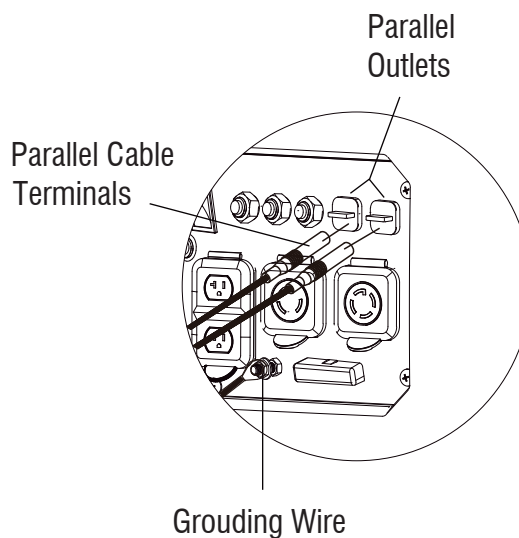
NOTE: Do not connect or disconnect the parallel kit while the inverters are running.

3. The low idle switch (button) must be in the same position (ON or OFF) on both generators.

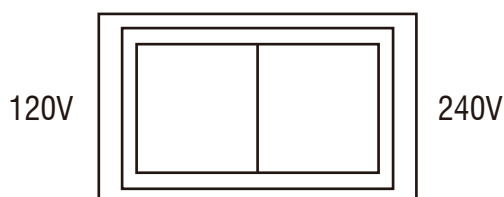


4. On each inverter:

- 4.1 Remove the parallel outlet covers. Plug the black and red parallel cable terminals to the black and red parallel outlet (black to black and red to red) on each corresponding inverter's control panel. Do not plug two red cables or two black cables into the same inverter.
- 4.2 Loosen nuts on grounding terminals and attach round wire to ground terminal in each inverter. Tighten securely.



- 4.3 Move the **Voltage Selector Switch** to 240V position, if this switch is available on your inverter generator.

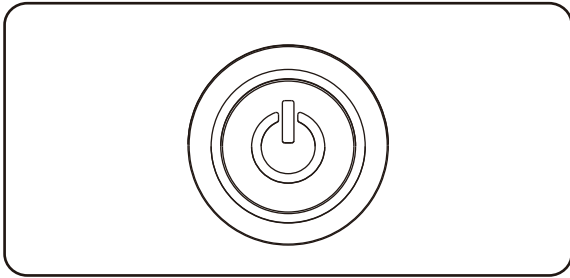


5. Turn on both inverters. See inverter owner's manual for starting instruction.

- 5a. Electric start

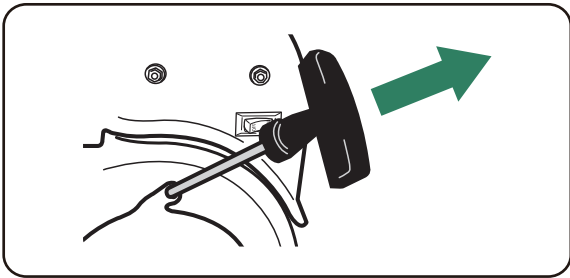
Turn and hold the **ENGINE START/STOP** switch for 5 seconds until the engine starts.

ASSEMBLY AND OPERATION



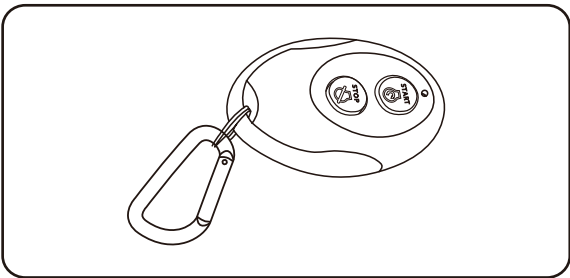
5b. Recoil start

Pull recoil starter slowly until resistance is felt, then pull rapidly.



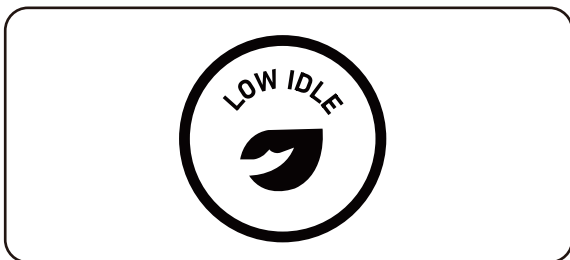
5c. Remote start

Turn and hold the REMOTE START switch for 5 seconds until the engine start.

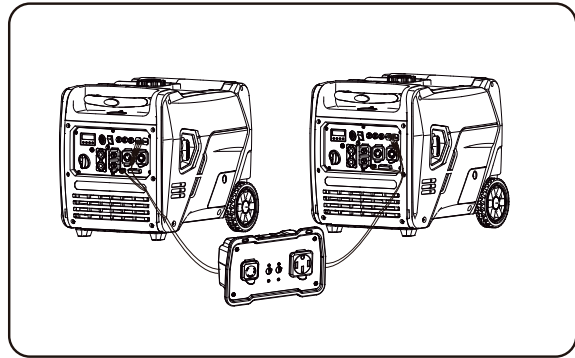


NOTE: Make sure the indicator light of overload reset button(or output indicator) is green on each inverter.

6. The low idle switch(button) must be in the same position (ON or OFF) on both generators before applying any load.



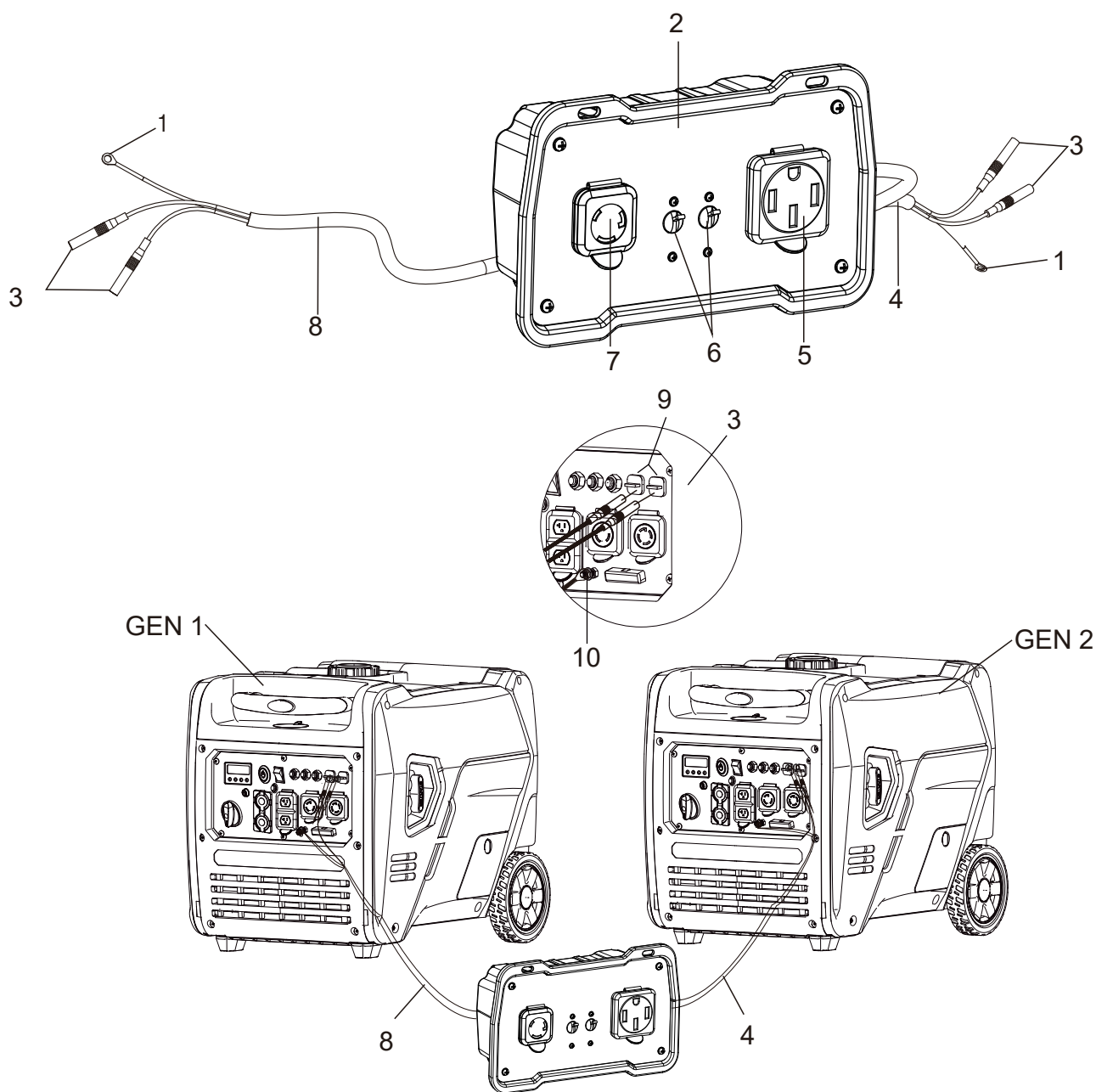
7. Plug in the 240 Volt AC, single phase, 60Hz electrical loads into parallel kit receptacles and turn on first load. Allow generator output to stabilize before plugging in the next load.



NOTE : It is strongly recommended to plug in devices with the largest output first and the smallest output last to help prevent overloading the inverters. Do not exceed maximum wattage rating of inverters, parallel kit and receptacles.

8. When finished, turn off the inverter generators per owner's manual instructions and then disconnect the parallel kit.

CONTROLS AND FEATURE



1 - Grounding Wire

2 - Parallel Kit

3 - Parallel Cable Terminal

4 - Parallel Cable GEN 2

5 - 240V AC 50A 14-50R

6 - Circuit Breakers

7 - 240V AC 30A L6-30R

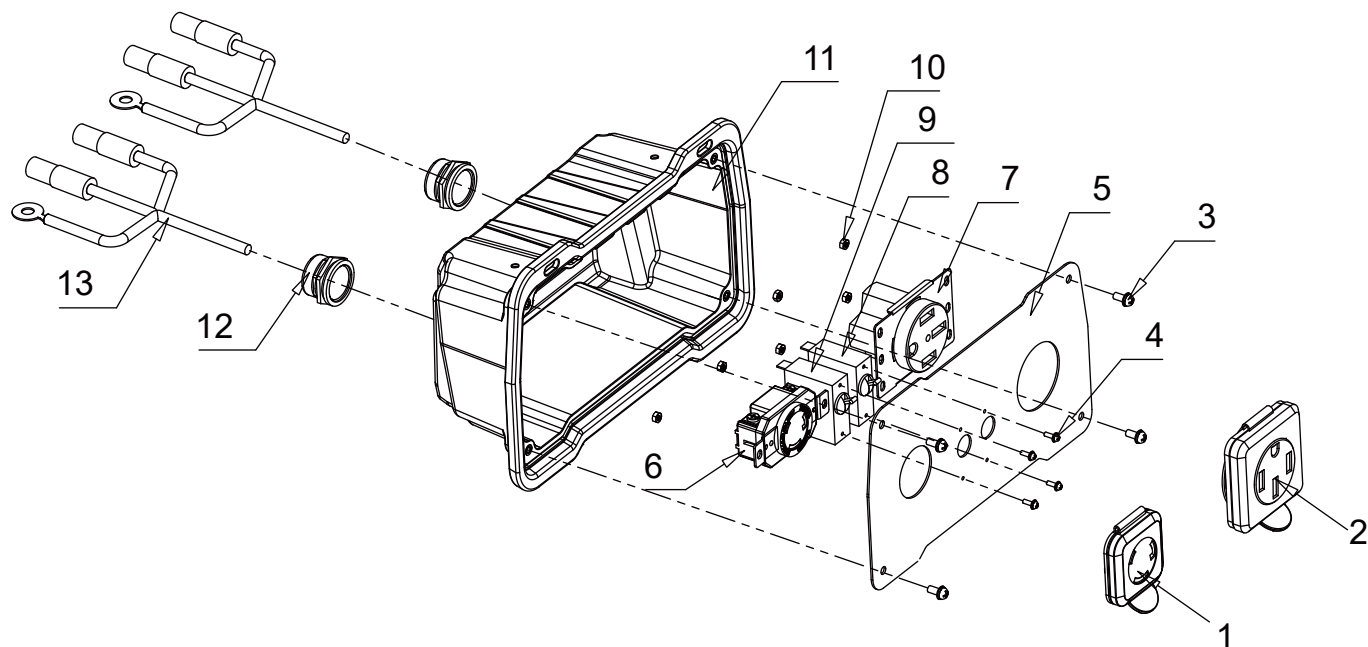
8 - Parallel Cable GEN 1

9 - Parallel Outlets

10 - Grounding Wire

PARTS DIAGRAM AND PARTS LIST

PARTS DIAGRAM

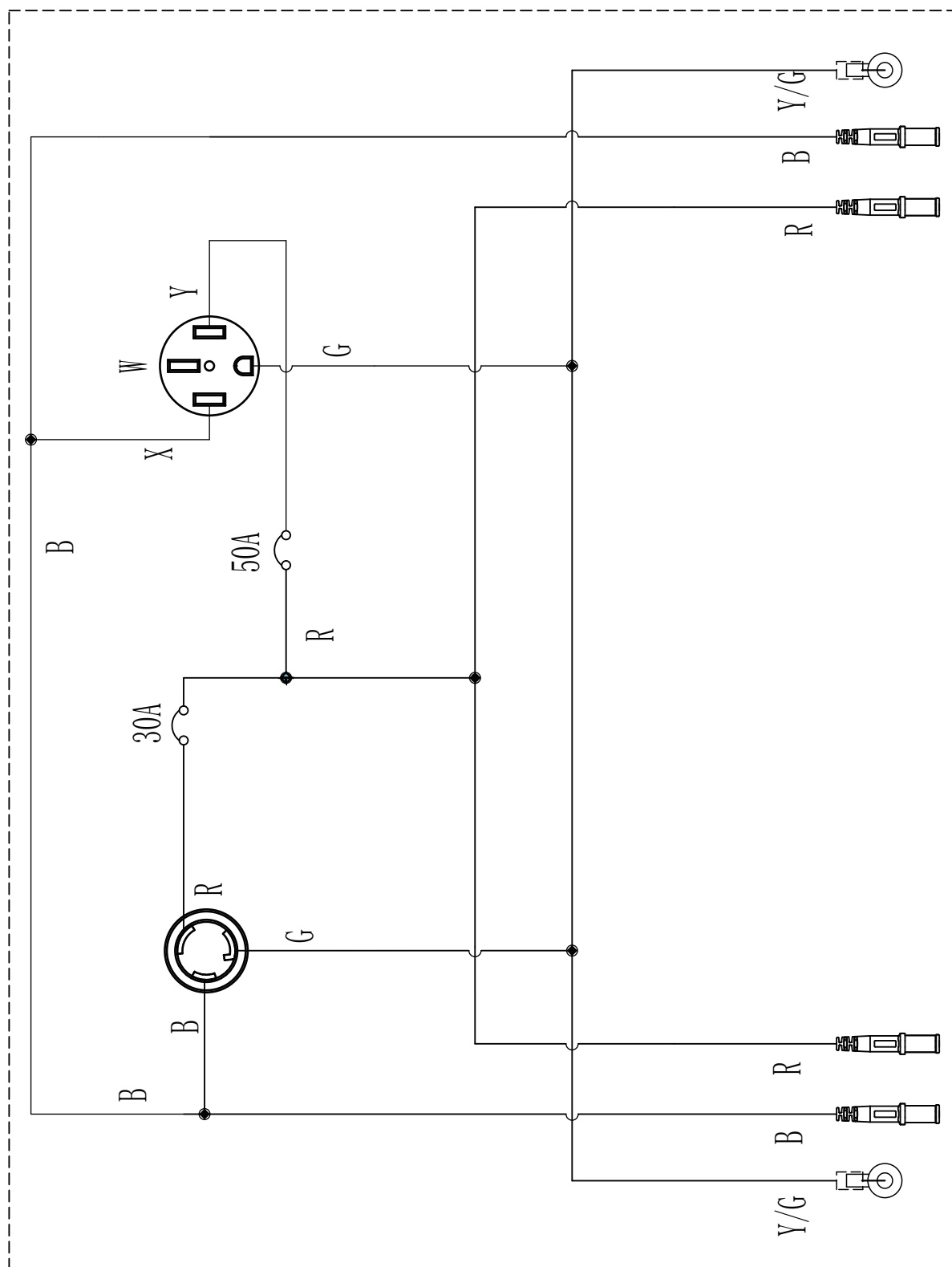


NO.	Part Number	Description	Qty.
1	70001-00965-00	Outlet cover L6-30R	1
2		Outlet cover 14-50R	1
3		Cross plate head bolt	4
4		Cross plate head bolt	4
5		Parallel box panel	1
6		Receptacle L6-30R	1
7		Receptacle 14-50R	1
8		Circuit breaker amp 50A	1
9		Circuit breaker amp 30A	1
10		Hex nut	6
11		Back cover	1
12		Rubber cover	2
13		Parallel cable	2

Circuit Diagram

CIRCUIT DIAGRAM

Model: PK12000



B:BLACK	G:GREEN	L:BLUE	R:RED	Y:YELLOW	B/W:BLACK/WHITE	R/W:RED/WHITE
Br:BROWN	Gv:GRAY	O:ORANGE	W:WHITE	P:PINK	Y/G:YELLOW/GREEN	

WARRANTY

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 United States of America, or Canada 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 1 year from the date of purchase, except as limited below. 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.

This product is also covered by an Emissions Control System Warranty which is separate from and in addition to the warranty.

WARRANTY

A-iPower Limited Warranty – 1 Year Residential and 120 days Commercial

1 year Residential warranty applies as follow: 1st year Parts & Labor

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 and click the product registration icon

Warranty Term

A-iPower will provide warranty for any of its products purchased through any authorized AiPower dealer in North America to the original purchaser and will be warranted against defects in material or workmanship for a period of one (1) year for Consumer use from date of purchase, subject to exclusions noted herein. Commercial and Rental applications are warranted for a period of 120 days from date of purchase.

“Consumer Use” - residential household use by a retail consumer

“Commercial Use” - all other use - commercial , business, industrial, or rental purpose

How to Obtain Warranty Service

Please call our Customer Service Dept.

855-888-3598

or e-mail to support@a-ipower.com

Please have necessary information available - Model Number, Serial Number, Proof of Purchase

DO NOT RETURN THE PRODUCT TO THE PLACE OF PURCHASE

A-iPower Customer Service Dept will assist with all product 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 engine.

Installation and Maintenance - this warranty does not cover improper or unauthorized assembly, alteration, modification or any other damage resulting from misuse or neglect.

Normal maintenance parts - this warranty does not cover spark plugs, air filters, adjustments, or other related service due to obstructions and other build ups resulting from improper maintenance.

Additional exclusions - this warranty does not cover wearable parts such as filters, spark plugs, o-rings, batteries etc. It does not cover any cosmetic defects such as scratches to paint, decals etc. It does not cover any damage resulting from use of non-original manufacturer's parts, use of aftermarket parts. It does not cover any failures due to acts of God and

WARRANTY

other force majeure events beyond the control of the manufacturer.

Warranty limits and Implications and Consequential Damages

A-iPower is not obligated to cover any loss of time, use of product, freight cost, or any other incidental or consequential claim from the use of this product. This warranty is in Lieu of all other warranties, express or implied.

This warranty gives you specific legal rights which vary from state to state.

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.
- Federal Law requires that all machines that utilize gasoline, oil, or other flammable liquids must be drained Completely & Thoroughly prior to shipment.
- Gas caps and oil plugs must be left off for 24 hours prior to shipping. Please note: liability for this violation of the law resides with the sender of the shipment.
- 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 cleaning
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	☐	☐	☐	☐	☐
Performance	☐	☐	☐	☐	☐
Features	☐	☐	☐	☐	☐
Product Appearance	☐	☐	☐	☐	☐
Warranty	☐	☐	☐	☐	☐
Ease of Maintenance	☐	☐	☐	☐	☐
Noise Level	☐	☐	☐	☐	☐

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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