



OWNER'S MANUAL AND OPERATING INSTRUCTIONS

ELECTRIC PRESSURE WASHER

3000 PSI, 1.1 GPM

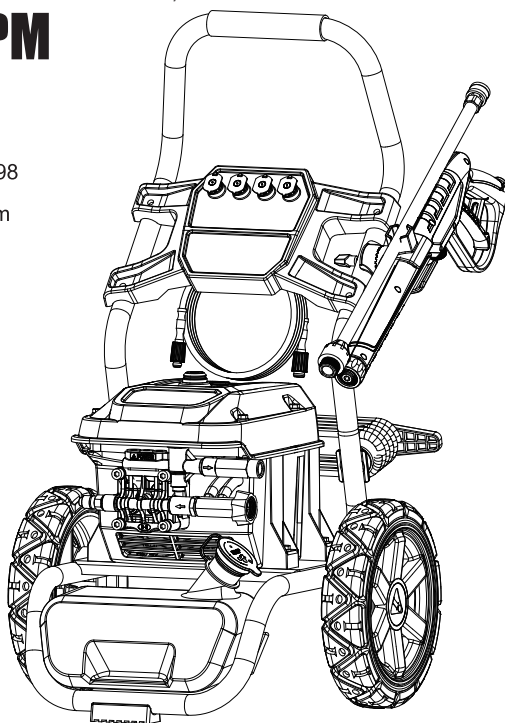
Model: PWE3001 REV_00

CUSTOMER SERVICE: 1-855-888-3598

Visit Our Website at: www.a-ipower.com

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WARNING: SAVE THIS MANUAL FOR FUTURE REFERENCE



This manual contains important information regarding safety. Operation, maintenance and storage of this product. Before use, read carefully and understand all cautions, warnings, instructions and product labels. Failure to do so could result in serious personal injury and/or property damage.

TABLE OF CONTENTS

PRODUCT SPECIFICATIONS	1
SAFETY	
Safety Symbols and Meanings	2
Safety Instructions and Precautions	3
SETUP	
Know Your Pressure Washer	10
Assembly	11
General Information	13
OPERATION	
Pre-Start Checks	14
MAINTENANCE	
Cleaning Pressure Washer	18
Trouble Shooting	19
PARTS LIST AND DIAGRAM	
General Assembly Diagram	21
General Parts List	22
WARRANTY	
A-iPower Warranty	23

Model	PWE3001
Motor	Universal, 120V - 60Hz, 15 Amps
MAX Pressure	3000 PSI
MAX Flow	1.1 GPM
Hose	1/4 x 35' M22
Wand	21" x 1/4 Q/C
Nozzle Selection	0°, 25°, 40°, Soap and Turbo
Included	Owner's Manual, Quick Start Guide, Open End Wrench, Nozzle Cleaning Tool and Allen Wrench

NOTICE: We are always working to improve our products. Therefore, final product may vary from images shown. A-iPower reserves the right to change features, specifications without notice for future improvements to products.

This Operating Manual has been designed to instruct you on the correct operation of your A-IPOWER product. Your satisfaction with this product and its safe operation is our ultimate concern. Therefore, please take the time to read the entire manual, especially the safety symbols and instructions. They will help you to avoid potential hazards that may exist when working with this product. Every effort has been made to ensure that information in this manual is accurate and current. However, we reserve the right to change, alter, or otherwise improve the product and this document at any time without prior notice.

Safety Symbols and Warnings:

⚠ 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, or addresses practices that are important, but not related to personal injury.

Safety Symbols and Meanings:

The following symbols will appear in this manual and on the product. For safe use of this product, be sure to study them and know their meanings.

	Safety Alert
	Read Operators Manual
	Electrical Shock
	Eye Protection
	Hot Surface
	Fluid Injection
	Kickback
	Moving Parts

	Wet Conditions Alert
	Explosion
	Projectile
	Chemical Burns
	Electrical Hazard
	Slippery Surface
	Fall
	Fire

The following symbols may appear on the product. For safe use of this product, be sure to study them and know their meanings.

V	VOLTS	Voltage
A	AMPS	Current
Hz	HERTZ	Frequency (cycles per second)
W	WATTS	Power
~	ALTERNATING	Type of current
n_0	NO LOAD SPEED	Rotational speed, at no load
	CLASS II	Double insulated construction
.../ min	PER MINUTE	Revolutions per minute

Safety Instructions and Precautions:

WARNING: READ AND UNDERSTAND ALL SAFETY INSTRUCTIONS

- Keep the work area clear of all persons, particularly small children, and pets.
- Avoid dangerous environments. Keep work area well lit. Don't expose product to rain while in use, or while stored.
- Do not use product if switch does not turn unit off. Have switch replaced by an authorized service center.
- Keep guards in place and in working order. Never operate this product with any guard or cover removed. Make sure all guards and covers are intact and operating properly before each use.
- Keep product dry, clean, and free from oil and grease. Always use a clean cloth when cleaning. Never use brake fluid, gasoline, petroleum-based products, or any solvents to clean product.
- Use caution when positioning the pressure washer for use. Warm air from the motor could cause discolored areas on grass.
- Make sure minimum clearance of 3 feet is maintained from any combustible materials.
- Never pick up or carry a machine while the motor is running.
- Never start the machine if ice has formed in any part of the equipment.
- To reduce the risk of injury, keep all children and visitors away from product when in use. All visitors should wear safety glasses and be kept a safe distance from work area.
- Use product for its intended use. Don't force product or attachment to do a job it was not designed for. Do not use it for a purpose not intended. Use only recommended accessories with this product. The use of improper and or modified accessories may cause risk of injury.
- Never spray too close to the surface to be cleaned, as you can damage the surface. If there is a concern, try cleaning an inconspicuous area first.

- After stopping the motor, always pull the trigger on the trigger handle to relieve stored pressure in the high pressure hose. Failure to do so could result in serious personal injury.
- Do not overreach or stand on a ladder, rooftop, or other unstable support structure. Keep proper footing and balance at all times.
- Stay alert and exercise control. Watch what you are doing at all times and use common sense. Do not operate tool when you are tired. Do not rush.
- Do not operate the product while under the influence of drugs, alcohol, or any medication.
- Do not abuse the cord. Never use the cord to carry the product or to disconnect the plug from an outlet. Keep cord away from heat, oil, sharp edges, or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.
- Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) to be used for the product. Receptacles are available having built-in GFCI protection and may be used for this measure of safety.
- To reduce the risk of electric shock, this product has a polarized plug (one blade is wider than the other) and will require the use of a polarized extension cord. The plug will fit into a polarized extension cord only one way. If the plug does not fit fully into the extension cord, reverse the plug. If the plug still does not fit, obtain a correct polarized extension cord. A polarized extension cord will require the use of a polarized wall outlet. This plug will fit into the polarized wall outlet only one way. If the plug does not fit fully into the wall outlet, reverse the plug. If the plug still does not fit, contact a qualified electrician to install the proper wall outlet. Do not change the equipment plug, extension cord receptacle, or extension cord plug in any way.
- **WARNING:** Use outdoor extension cords marked SW-A, SOW-A, STW-A, STOW-A, SJW-A, SJTW-A, or SJTOWA. These cords are rated for outdoor use and reduce the risk of electric shock. Before every use, inspect cord for loose or exposed wires and cut or worn insulation.
- Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. A wire gauge size (A.W.G.) of at least 14 is recommended for an extension cord 25 feet or less in length. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.
- Inspect extension cords periodically and replace if damaged.
- Do not use acids, alkalines, solvents, flammable material, bleaches, or industrial grade solutions in this product. These products can cause physical injuries to the operator and irreversible damage to the machine.
- Before storing, allow the motor to cool.
- When servicing use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.
- Before starting any cleaning operation, close doors and windows. Clear the area to be cleaned of debris, toys, outdoor furniture, or other objects that could create a hazard.
- For cold water only. • Outdoor use only. • Household use only.
- Save these instructions. Refer to them frequently and use them to instruct other users. If you loan someone this product, loan them these instructions also.



Caution If connection is made to a potable water system, the system should be protected against backflow.

Safety Instructions and Precautions specifically for electricity and electrical components in this product:

DOUBLE INSULATION

Double insulation is a safety system within electric power tools, which eliminates the need for the usual three-wire grounded power cord. All exposed metal parts are isolated from the internal motor components with protecting insulation. Double insulated products do not need to be grounded.



WARNING: Electrical Shock



The double insulated system is intended to protect the user from shock resulting from a break in the product's internal insulation. Observe all normal safety precautions to avoid electrical shock.

NOTE: Servicing of a product with double insulation requires extreme care and knowledge of the system and should be performed only by a qualified service technician. For service, we suggest you return the product to your nearest authorized service center for repair. Only use original factory replacement parts when servicing.

ELECTRICAL CONNECTION

This product has a precision-built electric motor. It should be connected to a power supply that is nominal 120V/60Hz AC (typical U.S. household circuit).

Do not operate this product on direct current (DC). A substantial voltage drop will cause a loss of power and the motor will overheat. If the product does not operate when plugged into an outlet, double-check the power supply.

EXTENSION CORDS

When using a power tool at a considerable distance from a power source, be sure to use an extension cord that has the capacity to handle the current the product will draw. An undersized cord will cause a drop in line voltage, possibly resulting in overheating, loss of power, and/or circuit breaker or GFCI tripping. Use the chart to determine the minimum wire size required in an extension cord. Only round jacketed cords listed by Underwriter's Laboratories (UL) should be used.

When working outdoors with a product, Use outdoor extension cords marked SW-A, SOW-A, STW-A, STOW-A, SJW-A, SJTW-A, or SJTOWA. These cords are rated for outdoor use and reduce the risk of electric shock. Inspect cord for loose or exposed wires and cut or worn insulation.

It is possible to tie the extension cord and power cord in a knot to prevent them from becoming disconnected during use. Make a knot, then connect the plug end of the power cord into the receptacle end of the extension cord. This method can also be used to tie two extension cords together.

RECOMMENDED EXTENSION CORD FOR USE WITH THIS PRODUCT:

Cord Length	Wire Size (A.W.G.)
25 ft.	14
50 ft	12
100 ft.	Not Recommended



Caution If connected to circuit protected by fuses, use time delay fuse marked "D"

GROUND FAULT CIRCUIT INTERRUPTER (GFCI)

This unit is equipped with a Ground Fault Circuit Interrupter (GFCI), which guards against the hazards of ground fault currents. An example of ground fault current is the current that would flow through a person who is using an appliance with faulty insulation and, at the same time, is in contact with an electrical ground such as a plumbing fixture, wet floor, or earth. GFCI plugs do not protect against short circuits, overloads, or shocks.

NOTE: To ensure readiness for use, press the reset button each time you connect the pressure washer to the power supply.

The GFCI plug can be tested with the TEST and RESET buttons.

To test:

- Press the TEST button. You will hear a “click” sound and the red LED light will go out.
- To restore power, press the RESET button. The LED light will illuminate to indicate power has been restored.

Perform this test monthly to ensure proper operation of the GFCI.

**WARNING: Electrical Shock**

Keep the extension cord clear of the working area. Position the cord so that it will not get caught on lumber, tools, or other obstructions while you are working with a power tool. Failure to do so can result in serious personal injury.

**WARNING: Electrical Shock**

Check extension cords before each use. If damaged replace immediately. Never use the product with a damaged cord since touching the damaged area could cause electrical shock resulting in serious injury.

Additional Safety Instructions and Precautions:**WARNING: Electrical Shock**

Contact with power source could cause electric shock or burn resulting in death or serious injury.

- Never spray at or near an electric power source, including the product itself.

**WARNING: Chemical Burn**

Chemicals could cause burns resulting in death or serious injury.

- DO NOT use caustic liquid with pressure washer.
- Use ONLY pressure washer safe detergents/soaps. Follow all manufacturer's instructions.

NOTICE: For additional information regarding the parts listed in the following pages, refer to:

- PARTS LIST AND DIAGRAM on Page 20.

NOTICE: High pressure spray could damage fragile items including glass.

- DO NOT point spray gun at glass when using red (0°) nozzle.
- NEVER aim spray gun at plants.

NOTICE: Improper treatment of pressure washer could damage it and shorten its life. If you have questions about intended use, contact our service center at 1-855-888-3598.

- NEVER operate units with broken or missing parts, or without protective housing or covers.
- DO NOT by-pass any safety device on this machine.
- DO NOT operate pressure washer above rated pressure.
- DO NOT modify pressure washer in any way.
- Before starting pressure washer in cold weather, check all parts of the equipment to be sure ice has not formed there.
- NEVER move machine by pulling on hoses. Use handle provided on unit.
- This equipment is designed to be used with A-iPower authorized parts ONLY. If equipment is used with parts that DO NOT comply with minimum specifications, user assumes all risks and liabilities.



WARNING: Moving parts hazard



Motor and other rotating parts could entangle hands, hair, clothing or accessories, resulting in serious injury.

- NEVER operate pressure washer without protective housing or covers.
- DO NOT wear loose clothing, jewelry or anything that could be caught in the motor or other rotating parts.
- Tie up long hair and remove jewelry.



WARNING: Kickback Hazard



Firmly grasp spray gun with both hands when using high pressure spray to avoid injury when spray gun kicks back.



WARNING: Risk of Explosion



DO NOT spray flammable liquids.

 WARNING: Fluid Injection

The high-pressure water that this equipment produces could cut through skin and its underlying tissues, resulting in serious injury and possible amputation.

- Spray gun traps high water pressure, even when motor is stopped and water is disconnected, which could result in serious injury.
- If cut by fluid, call physician immediately. DO NOT treat as a simple cut.
- DO NOT allow CHILDREN to operate pressure washer.
- NEVER repair high pressure hose. Replace it.
- NEVER repair leaking connections with sealant of any kind. Replace o-ring or seal.
- NEVER connect high pressure hose to nozzle extension.
- Keep high pressure hose connected to pump and spray gun while system is pressurized.
- ALWAYS point spray gun in safe direction, disengage trigger lock and squeeze spray gun trigger to release high pressure, after each use.
- DO NOT discharge stream at persons.
- DO NOT secure spray gun in open position.
- DO NOT leave spray gun unattended while machine is running.
- NEVER use a spray gun which does not have a trigger lock or trigger guard in place and in working order.
- Always be certain spray gun, nozzles and accessories are correctly attached.

 WARNING: Projectile hazard

Risk of eye or bodily injury. Spray could splash back or propel objects resulting in serious injury.

- Always wear safety goggles marked to comply with ANSI Z87.1 when using or in vicinity of this equipment.
- Always wear protective clothing such as a long-sleeved shirt, long pants and close-toed shoes.
- NEVER operate pressure washer when barefoot or wearing sandals.

 WARNING: Slip or Fall Hazard

Use of pressure washer could create slippery surfaces causing you to fall resulting in death or serious injury.

- Kickback from spray gun could cause you to fall resulting in death or serious injury.
- Operate pressure washer from a stable surface.
- The cleaning area should have adequate slopes and drainage to reduce the possibility of a fall due to slippery surfaces.
- Be extremely careful if you must use the pressure washer from a ladder, scaffolding, or any other similar location.
- Firmly grasp spray gun with both hands when using high pressure spray to avoid injury when spray gun kicks back.

**WARNING**

Risk of electrocution

1. Inspect cord before using. Do not use if cord is damaged.
2. Keep all connections dry and off the ground.
3. Do not touch plug with wet hands.
4. Double insulated - when servicing use only identical parts.
5. This product is provided with a ground fault circuit interrupter built into the power cord plug. If replacement of the plug or cord is needed, use only identical replacement parts.
6. Do not spray electrical apparatus and wiring.
7. Read instruction manual before using. Do not remove this tag.

**WARNING:** California Proposition 65

This product, the engine exhaust and other substances that may become airborne from its use contains chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash your hands after handling product.

⚠ CAUTION: Read Manual

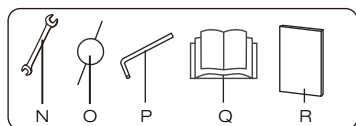
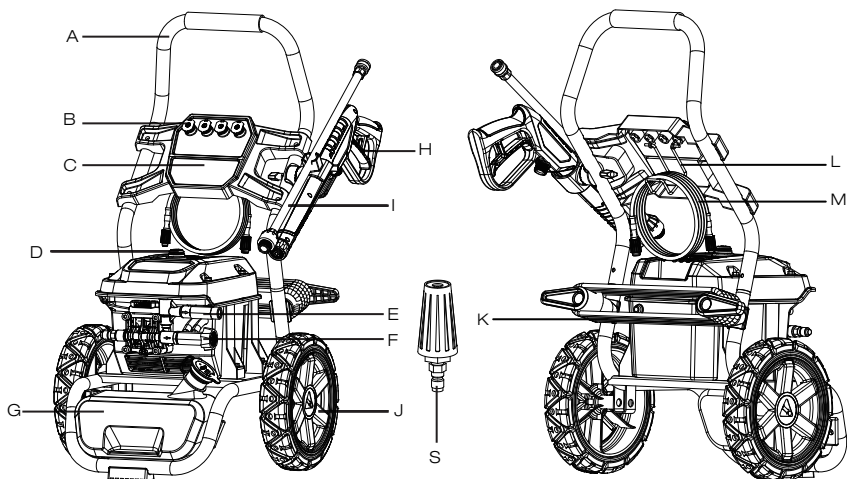


Read the entire **SAFETY** section at the beginning of this manual including all text under subheadings therein before set-up or use of this product.

⚠ WARNING:

- If any parts are damaged or missing do not operate this product until the parts are replaced. Use of this product with damaged or missing parts could result in serious personal injury.
- Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

Know Your Pressure Washer



A - Handle

B - Nozzles

C - Storage Panel

D - Push Button

E - Water Outlet

F - Water Inlet

G - Detergent Tank

H - Trigger

I - Spray Gun/Wand

J - Wheel

K - Power Cord

L - Hose Hanger

M - High Pressure Hose

N - Open End Wrench

O - Nozzle Cleaning Tool

P - Allen Wrench

Q - Owner's Manual

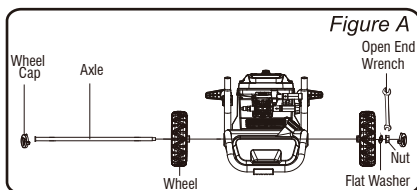
R - Quick Start Guide

S - Turbo Nozzle

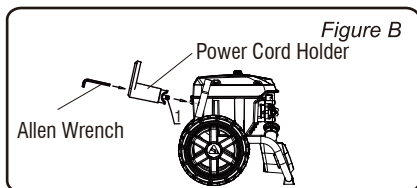
FOR TECHNICAL QUESTIONS, PLEASE CALL 1-855-888-3598

Assembly

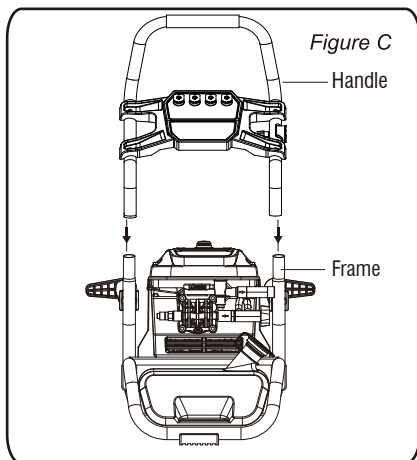
1. Insert the axle through the frame, wheels and flat washer, then use the open end wrench to tighten the nut securely. Finally push the wheel caps in position. See Figure A.



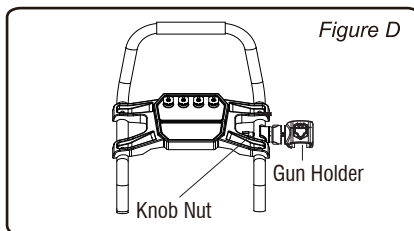
2. Use the Allen wrench to hold the internal bolt inside the power cord holder, and remove the nut 1. Then use the Allen wrench to screw the internal bolt into the handle tube threaded hole, and tighten it securely. See Figure B.



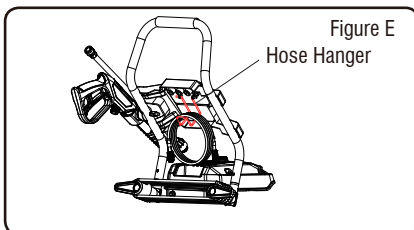
3. Slide the handle onto the frame until it contacts the buttons. See Figure C.



4. Install the gun holder to the handle by tightening the knob nut manually. See Figure D.

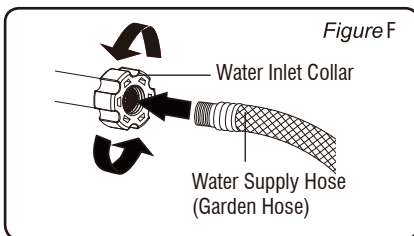


5. Install pressure hose hanger to the back of storage panel. See Figure E.

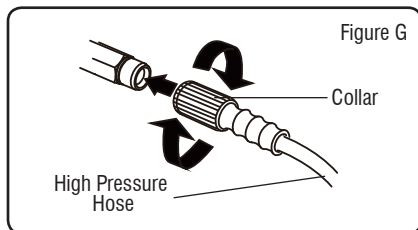


6. Insert the water supply hose into the water inlet. Thread the collar on the inlet onto the garden hose. Tighten securely. See Figure F.

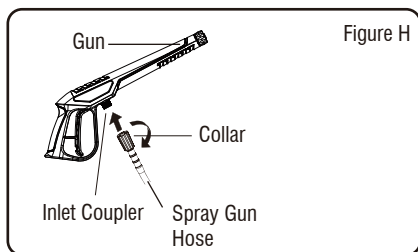
The water source must be able to provide a minimum of three gallons of clean, cold water per minute at 20PSI. Only use a 5/8" inner diameter, or larger hose that is rated to meet this capacity.



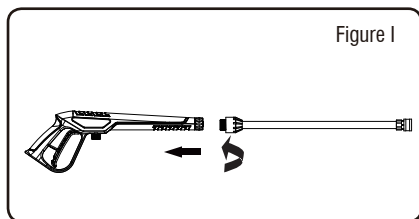
7. Pull the collar on the high pressure hose back and push the hose fitting into the threaded outlet on the pressure washer. Screw the collar onto the outlet and tighten securely. See Figure G.



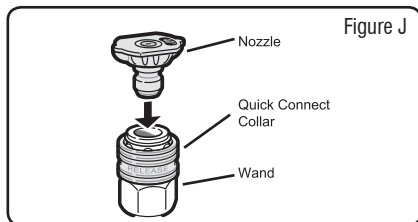
8. Pull the collar on the spray gun hose back and push the hose fitting into the threaded outlet on the spray gun. Screw the collar onto the outlet and tighten securely. See Figure H.



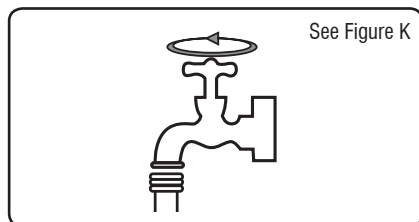
9. Push the wand into spray gun and turn to tighten. Do not over tighten. See Figure I.



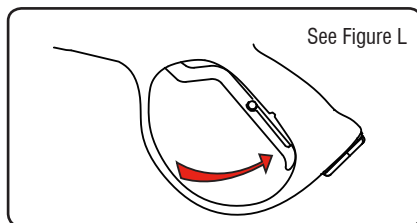
10. Attach the nozzle to the wand by pulling back the quick connect collar and pushing the nozzle onto the end of the wand. Make sure the quick connect collar locks the nozzle in place. See Figure J.



11. Connect to the water supply & turn on. See Figure K.



12. Unlock trigger, then pull trigger to release pressure. See Figure L.



General Information

Water	Use only cold water. Do not operate pressure washer with clogged or missing water inlet filter screen. Do not operate pressure washer without adequate water supply.
Pressure Adjustment	Pressure setting is pre-set at factory.
High Pressure Pump	There are no serviceable parts to the high-pressure pump. Do not attempt to repair or service the pump, as you may damage it and void your warranty. If you feel that the pump needs service, please call our customer service department at 1-855-888-3598. Do not allow water to freeze in pump. If product is stored in an area that will have temperatures of below 32° F, 0°C, make sure all water is removed from the pump, or a suitable pump protection product has been used. Failure to protect the pump from cold temperatures will cause damage and possibly void your warranty.
High Pressure Hose	Be aware of the hose and its location while using the product. Don't allow the hose to get tangled or kink, as this can cause damage to the hose. DO NOT attempt to move unit by pulling on high-pressure hose.
Soap / Chemicals	Use only soaps and chemicals detergents designed for pressure washer use. Always follow detergent manufacturer's instructions on their container. DO NOT use bleach, acid, any flammable materials, or industrial solvents.
Nozzle	Always keep nozzles clean and unclogged. Use the nozzle needle to clean if clogged.
Storage / Winterizing	The pressure washer is equipped with places to store your accessories as shown in daigram on page 9. • Place spray gun into gun holder • Place nozzles in the proper panel. • Coil pressure hose and hang on hanger, or on reel if so equipped. Cover pressure washer and store on a cool dry location out of the reach of children. Do not store outside, or in an area exposed to rain or snow.



CAUTION: Cold storage location

- If product will be exposed to temperatures below 32° F / 0° C during storage, the use of a pump protection product (not included) is required. Use the pump protection product per the pump protection manufacturer's instructions.
- Failure to prepare the pump for exposure to cold temperature will cause damage to the pump and void your warranty.



CAUTION: Read Manual



Read the entire SAFETY and SET UP sections at the beginning of this manual including all text under subheadings therein before operation of this product. Improper use or treatment of Pressure Washer can damage internal components and shorten the life of unit. Failure to follow this warning will void warranty.

Pre-Start Checks

Before every use, inspect the product, looking for damaged, loose and missing parts before setting up and turning on. If any problems are found, do not use the product until fixed properly. Please call our customer service at 1-855-888-3598.

Starting and stopping your pressure washer.

On the top of the product is the MAIN ON / OFF push button switch (See Figure I). This switch works in conjunction with the AUTO ON / OFF switch built into the product. The AUTO switch turns on and off when the trigger of the gun is squeezed and / or released. Because of this, the system can have pressure, even when the motor is not running. Always use caution around the pressure washer.

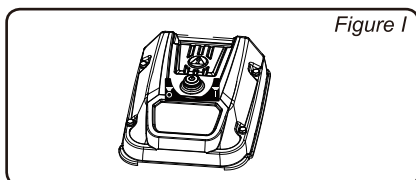


Figure I

A. Make sure the garden hose is connected properly, the water is turned on and there are no kinks in the garden hose. Do not run the product without the water connected and on. Failure to do this can overheat the pump and cause damage. Squeeze and hold the trigger to release the air trapped in the hose and pump. Keep trigger squeezed until a steady stream of clean water comes out of the end of the wand. It is best to not have a nozzle inserted when doing this step. Engage the trigger lockout on the gun before proceeding to the next step. See Figure J.

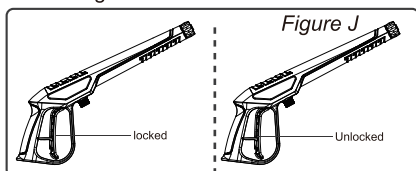


Figure J

B. Plug the GFCI plug into a properly grounded receptacle. Be aware of other electrical appliances that may be running on the same branch circuit as the pressure washer. If the circuit is not rated for enough amperage to power everything on it, the circuit breaker in your home may trip when the pressure washer is turned on. If this happens, determine what else is on the circuit and remove it while you use the pressure washer. Reset the circuit breaker in your home and press the reset button on the GFCI plug to make sure power is getting to the pressure washer. See Figure K

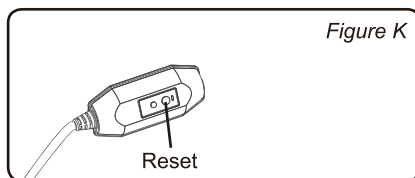


Figure K

C. Push ON / OFF switch to the ON position. The motor will run for a several seconds as it builds pressure, then the AUTO switch will turn the motor off. This is the normal operating procedure.

1. Select the right nozzle for the job

Your product is supplied with a selection of quick connect nozzle tips. The nozzles are sized specifically to give you maximum pressure at all times. Each nozzle is marked and rated in degrees of fan. They are also color coded (see chart below). The higher the number of the fan degree, the wider the fan pattern is. The tighter the spray fan the more impact on the surface, which is good for cleaning tough jobs. The wider the spray fan, the more spread out the impact on the surface, so they are better for easy jobs, or soft surfaces. Finding the correct nozzle for the job at hand make take some experimenting. Always start with the widest fan degree and continue to the lower degree fans until the best work result is achieved. Always test the nozzle on an area that is not noticeable.

					HI PRESSURE, NO SOAP INJECTION			SOAP	
					0° RED	25° GREEN	40° WHITE	Soap	Turbo Nozzle
0°	✓								
25°	✓	✓	✓						
40°	✓	✓	✓	✓					
SOAP	✓	✓	✓	✓					
Turbo Nozzle	✓	✓	✓	✓					

AGGRESSIVE

GENTLE

0° Nozzle - Red: This nozzle delivers a pinpoint stream of pressurized water and is extremely powerful. Use it for the toughest cleaning jobs, although it covers only a small area. This nozzle should only be directed at surfaces that can withstand intense high pressure such as metal or concrete. Do not use this nozzle to clean wood or soft surfaces.

Soap Nozzle: This nozzle is used to apply special chemicals and cleaning solutions. This nozzle produces the weakest pressure stream of the nozzles.

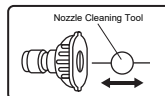
25° Nozzle - Green: This nozzle delivers a 25-degree spray pattern for general tasks. It should only be used on surfaces that can withstand pressure from this nozzle.

40° Nozzle - White: This nozzle delivers a 40-degree spray pattern for easily damaged surfaces. It should only be used on surfaces that can withstand pressure from this nozzle.

Turbo Nozzle: High-speed rotation generates strong pressurized jet water with an angle of 15°. The turbocharger nozzle can save 50% of energy, 30% of water, 50% of cleaning agent, and increase 50% of work efficiency, which is extremely economical.

NOTICE:

1. Not all models come with all nozzles described in this section. Use only the information pertaining to the nozzles supplied with your product.
2. If the nozzle tip is found blocked by debris, use the nozzle cleaning tool to poke it several times until the water flows out normally.



⚠ WARNING: Eye protection / Fluid Injection hazard



ALWAYS wear approved safety glasses when operating Pressure Washers. Spray can splash back or propel objects, including incorrectly attached accessories. The high-pressure stream of water that this equipment produces can cut through skin and its underlying tissues, leading to possible amputation. The spray gun traps high water pressure, even when the motor is stopped and water source is disconnected, which can cause injury.

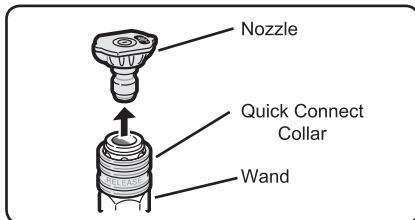
- Do not direct spray from the Pressure Washer at any persons or animals.
- Keep children and pets away from the work area.
- Keep work area clean of loose rocks, glass and debris.
- The high pressure water stream could cause serious injury.

2. Connect the nozzle to the spray wand

⚠ WARNING:

- Never place hands in front of nozzle, or point nozzle at your face.
- Never attempt to clean a clogged nozzle while attached to the wand.
- Never attempt to attach or remove spray wand or hose fittings while Pressure Washer system is pressurized.
- Turn off Pressure Washer. While pointing spray in a safe direction, release pressure by squeezing trigger. Then lock the Gun Trigger before attempting to change pressure nozzles.

- 2.1 To attach, pull quick connect collar back, insert nozzle into female quick-disconnect spray wand and press to lock in place.
- 2.2 To detach, pull quick connect collar back and pull nozzle to remove.



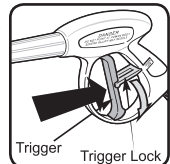
3. Use the spray gun

⚠ WARNING:

- To prevent accidental discharge of high-pressure washer, the trigger lock on the trigger should be engaged whenever the pressure washer is not in use.
- To disengage the Trigger Lock, push the lock down and into its original position.

To Operate the Trigger:

- 3.1 Squeeze the trigger to start water flow through the nozzle.
- 3.2 Release the trigger to stop water flow.



4. Wash / Clean

- 4.1 Firmly grip spray gun with both hands.
- 4.2 Start with a high degree fan Nozzle, and gradually use lower unit the nozzle meets the task.
- 4.3 Point the nozzle to a safe direction and squeeze the spray gun trigger to allow the pump to purge air and impurities in the system and then redirect the nozzle to the working surface.
- 4.4 Clean vertical and sloped surfaces from the top down.

- 4.5 When cleaning horizontal surfaces, occasionally use the stream to clear the area of excess water.
- 4.6 For most effective cleaning, keep spray nozzle from 8 to 24 inches away from cleaning surface. If you get spray nozzle too close, you may damage surface being cleaned. It is not recommended to get closer than 6 inches when cleaning tires.

5. Pressure adjustment

- 5.1 Vary your distance: To change the effect of the pressure on the surface being cleaned, vary the distance between spray nozzle and the surface being cleaned. The closer to the surface the higher the effect of the pressure. As you pull away from the surface, the pressure effect will reduce. For most effective cleaning, keep the nozzle between 8 to 24 inches from surface being cleaned

6. Use chemicals

NOTICE: Use only soaps and chemicals designed for use with a Pressure Washer. DO NOT USE CHLORINE BLEACH, ACIDS OR INDUSTRIAL SOLVENTS. Chemicals, soaps and cleaning solvents will not siphon when a high-pressure nozzle is used. Only use the Black (low pressure) Nozzle when spraying detergents. Fill Detergent Tank (if so equipped) with prepared detergent solution and close the cap. The Pressure Washer will draw one gallon of detergent for every seven gallons of water.

- 6.1 If your Pressure Washer is equipped with an on board soap tank:
 - a. Fill the soap tank with detergent and close the lid.
 - b. Change the nozzle in the wand to Black Nozzle
 - c. Start the engine, and spray with soap.

7. Rinse

- 7.1 Replace the nozzle with an appropriate high-pressure nozzle (see "Selecting The Right Nozzle" on Page 18). Squeeze the trigger and wait for the detergent to clear.
- 7.2 Keep the spray gun a safe distance from the area you plan to spray.
- 7.3 Apply a high-pressure spray to a small area, and then check the surface for damage. If no damage is found, it is okay to continue cleaning.
- 7.4 For a vertical surface, start at the top of the area to be rinsed, working down with same overlapping strokes as you used for washing and applying detergent.

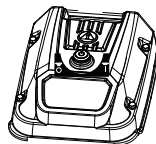
8. Cleaning tips

NOTICE: Never use the Pressure Washer garden hose inlet to siphon detergent or wax. Leaving chemicals and cleaning solutions inside the pressure pump could damage it. Damages created by leaving soaps, chemicals and cleaning solutions inside the pump can void the warranty.

9. Stop the pressure washer

To stop the product in an emergency, push the Main ON / OFF Switch to the off position. Under normal conditions, use the following procedure:

- 9.1 Release the Trigger on the Spray Gun handle.
- 9.2 Push the Main Switch to off position.
- 9.3 Turn the water supply off.
- 9.4 Unplug the GFCI cord.



NOTICE: Regular maintenance will improve the performance and extend the life of your Pressure Washer. Service should be done by a qualified person or technician.

Pressure Washer's warranty does not cover items that have been subjected to operator abuse or negligence. Only by maintaining Pressure Washer in accordance with instructions in this manual will the full value of the warranty be honored.

Pump Maintenance

NOTICE: The pressure pump is maintenance free. If you notice any sign of oil leakage in and around the pump, DO NOT operate the pressure washer. Please call our Customer Service at 1-855-888-3598.

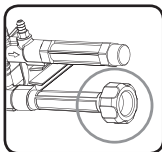
Cleaning Nozzle:

Occasionally, the spray wand can become clogged with foreign materials such as dirt. When this happens, excessive pressure can develop. Whenever the pressure nozzle becomes particularly clogged, the pump pressure will pulsate. It should be immediately cleaned.

1. Make sure Pressure Washer is off and spray gun is locked.
2. Remove high pressure spray nozzle from the spray wand. Using the nozzle cleaning needle (provided), remove any obstructions by inserting and carefully moving the pin back-and-forth through nozzle hole under clean running water.
3. After cleaning, remove the needle from nozzle and store for future use.
4. Reassemble pressure nozzle to spray wand.

Cleaning Water Inlet Screen Filter:

The pump water inlet has a filter screen that should be checked periodically and cleaned if necessary.



- Disconnect inlet water hose.
- Remove filter by grasping end and pull straight out.
- Clean screen filter by flushing both sides with water.
- Insert screen filter back inside water inlet port.

NOTICE: Do not operate Pressure Washer without water inlet screen filter in place. Impurities entering pressure pump can cause internal damage.

Cleaning Pressure Washer

Daily or before each use inspections should include areas around and underneath Pressure Washer looking for signs of water or oil leaks. Preventative maintenance should be taken if leakage is found. Inspect cooling air slots and openings on Pressure Washer housing. Openings must be kept clean and unobstructed for peak performance of Pressure Washer.

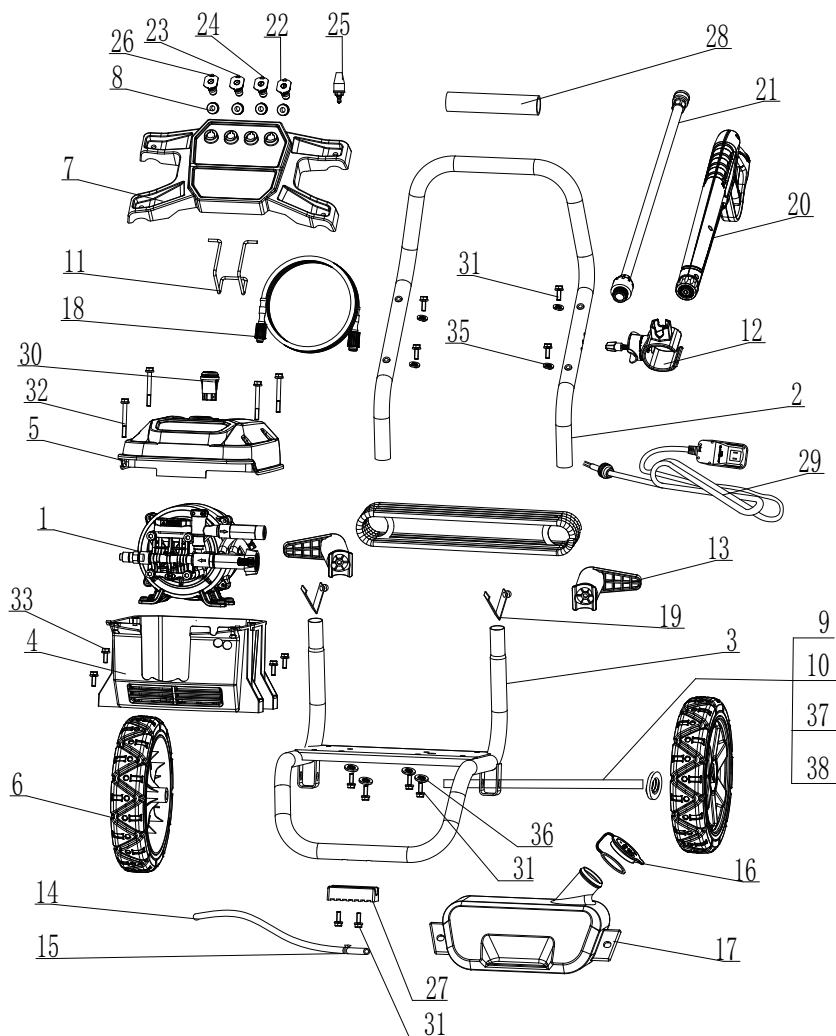
- Use a damp cloth to wipe exterior surfaces clean.
- Use a soft bristle brush to loosen caked on dirt.
- Use a shop-vacuum to pick up any loose dirt and debris.

Trouble Shooting

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Motor will not start.	On/Off switch is in the "OFF" (O) position.	Set switch to the "ON" (I) position.
	Power cord is not plugged in.	Plug in power cord.
	Electrical outlet does not supply adequate power.	Try a different outlet.
	Tripped pressure washer circuit breaker.	Allow to cool, and restart unit.
	Power switch is ON however gun trigger is not squeezed ON.	With power switch ON, squeeze the gun trigger which will engage the AUTO ON switch.
Unit does not reach high pressure.	Diameter of garden hose is too small.	Replace with a 1" (25 mm) or 5/8" (16 mm) garden hose.
	Water supply is restricted.	Check garden hose for kinks, leaks and blockage.
	Not enough water supply.	Open water source fully.
	Pressure Tip has not been installed on wand assembly.	Add desired pressure tip to end of wand.
	Water inlet filter is clogged	Remove filter and rinse with clean water.
Output pressure varies from high to low	Not enough inlet water supply.	Turn water on fully. Check garden hose for kinks, leaks or blockage.
	Pump is sucking air.	Check that all hoses and fittings are tight. Turn product OFF and purge air from pump by squeezing the trigger until a steady stream of clean water flows from the spray tip.
	Water inlet filter is clogged	Remove filter and rinse with clean water.
	Supply voltage below minimum.	Verify that only the pressure washer is running on this circuit.

Trouble Shooting Continued

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Motor buzzes but fails to run.	Supply voltage below minimum.	Verify that only the pressure washer is running on this circuit.
	System has residual pressure.	Turn unit "OFF", squeeze trigger on spray wand to release pressure, then turn unit "ON".
	Voltage loss due to extension cord.	Unplug any extension cords attached and plug the unit directly into the outlet.
	Pressure washer not used for long periods.	Call customer service.
	Residual friction among components. Unit might hum.	Disconnect water supply and power ON for 2 to 3 seconds, repeat couple times or until the motor starts.
No water.	Water supply is OFF.	Turn ON water supply
	Kink in the garden hose.	Remove kink in garden hose.
No Detergent	Soap injector hose is not properly submerged into the detergent.	Make sure hose is properly submerged.
Wand Leaks	O-ring damaged	Replace o-ring. If this does not correct the issue, call our toll free customer service department at 1-855-888-3598



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 2 years 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 – 2 Years Residential and 1 Year Commercial

2 year Residential warranty applies as follow: 1st year Parts & Labor / 2nd year Parts ONLY
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:

B. Visit us at www.a-ipower.com and click the product registration icon.

A-IPOWER CORP.
10887 COMMERCE WAY UNIT A
FONTANA CA 92337 USA

Warranty Term

A-iPower will provide warranty for any of its products purchased through any authorized A-iPower dealer in North America to the original purchaser and will be warranted against defects in material or workmanship for a period of two (2) years for Consumer use from date of purchase, subject to exclusions noted herein. Commercial and Rental applications are warranted for a period of one (1) year 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 after-market parts. It does not cover any failures due to acts of God and 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.

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Fontana, CA 92337 USA

Phone: 1-855-888-3598

support@a-ipower.com

www.a-ipower.com

Made in China



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.



Fontana, CA 92337 USA

Phone: 1-855-888-3598

support@a-ipower.com

www.a-ipower.com

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