

## 1 YEAR LIMITED WARRANTY

PERFORMANCE TOOL® extends only the following warranties, and only to original retail purchasers. These warranties give specific legal rights. Except where prohibited by local law, the law of the State of Washington governs all warranties and all exclusions and limitations of warranties and remedies. There may be other rights which vary from state to state.

PERFORMANCE TOOL® warrants the product to be free from defects in materials and workmanship under normal use and service. A defective product may be returned for a free replacement within 90 days from the date of purchase, provided that product is returned to place of purchase immediately after discovery of defect. After 90 days and up to one year from date of purchase, PERFORMANCE TOOL® will replace at no charge any parts which our examination shall disclose to be defective and under warranty. These warranties shall be valid only when a sales receipt showing the date of purchase accompanies the defective product or defective part(s) being returned. For part(s) after 90 days, please remit your request, postage prepaid to:

PERFORMANCE TOOL, P.O. Box 88259 Tukwila, WA 98138

These warranties exclude blades, bits, punches, dies, bulbs, fuses, hoses, and other consumables which must be replaced under normal use and service. These warranties shall not apply to any product or part which is used for a purpose for which it is not designed, or which has been repaired or altered in any way so as to affect adversely its performance or reliability, nor shall these warranties apply to any product or part which has been subject to misuse, neglect, accident or wear and tear incident to normal use and service.

PERFORMANCE TOOL® does not authorize any other person to make any warranty or to assume any liability in connection with its products.

Except for warranties of title and the limited express warranties set forth above, PERFORMANCE TOOL® makes no express or implied warranties of any kind with respect to its products. In particular, PERFORMANCE TOOL® makes no implied warranty of merchantability and no implied warranty of fitness for any particular purpose, except that for goods purchased primarily for personal, family or household use and not for commercial or business use, PERFORMANCE TOOL® makes an implied warranty of merchantability (and, if otherwise applicable, an implied warranty of fitness for a particular purpose), but only for the particular qualities or characteristics, and for the duration, expressly warranted above. The laws on limitation of implied warranties may differ from state to state, so the above limitations may not apply in all cases.

PERFORMANCE TOOL® shall not be liable for consequential, incidental or special damages resulting from or in any manner related to any product, or to the design, use, or any inability to use the product. The sole and exclusive remedy for a defective product or part shall be the repair, or replacement thereof as provided above. The laws on limitation of remedies or on consequential, incidental or special damages may vary from state to state, so the above limitations may not apply in all cases.

# 900 PEAK AMP PORTABLE JUMP STARTER

Item Number W1665

## OWNER'S MANUAL



Performance Tool®

### ▲WARNING

It is the owner and/or operators' responsibility to study all WARNINGS, operating, and maintenance instructions contained on the product label and instruction manual prior to operation of this product. The owner/operator shall retain product instructions for future reference.

The owner and/or operator are responsible for maintenance, maintaining all decals or warning labels and while in use, maintaining the unit in good working order. Safety information shall be emphasized and understood prior to usage. The product shall be inspected per the operating instructions.

Protect yourself and others by observing all safety information.

Failure to comply with instructions could result in personal injury and/or property damage!

**PT**  
Performance Tool®

If you encounter any problems or difficulties, please contact our customer service department at:  
1-800-426-1262 between 6:30 a.m. and 4:30 p.m. Pacific time.

# SAFETY GUIDELINES / DEFINITIONS

This instruction manual is intended for your benefit. Please read and follow the safety, installation, maintenance and troubleshooting steps described within to ensure your safety and satisfaction. The contents of this instruction manual are based upon the latest product information available at the time of publication. The manufacturer reserves the right to make product changes at any time without notice.

**▲ WARNING:** Read and understand this entire instruction manual before attempting to assemble, install, operate or maintain this product. Failure to comply with the instructions may result in serious personal injury and/or property damage!

The following signal words are used to emphasize safety warnings that must be followed when using this product:

**▲ DANGER** Indicates an imminently hazardous situation that, if not avoided, WILL result in death or serious injury.

**▲ CAUTION** Indicates a potentially hazardous situation that, if not avoided, MAY result in minor or moderate injury.

**▲ WARNING** Indicates a potentially hazardous situation that, if not avoided, COULD result in death or serious injury.

**▲ NOTICE** Indicates important information, which if not followed, MAY cause damage to equipment.

# UNPACKING AND INSPECTION

After opening the carton, unpack your new product and related parts & accessories. Please inspect it carefully for any damage that may have occurred during transit. Please check it against the photograph on carton. If any parts are missing, please call customer service at 1-800-426-1262 between 6 a.m. and 5 p.m. Pacific time.

**▲ WARNING** DO NOT operate this product if damaged during shipment, handling or misuse. Do not operate the product until the parts have been replaced or the fault rectified. Failure to do so may result in serious personal injury or property damage. All damaged parts must be repaired or replaced as needed prior to operating this product. Check to see that all nuts, bolts and fittings are secure before putting this product into service. If you have any questions, or require assistance with damaged or missing parts, please contact our factory customer service department at: 1-800-426-1262.

Please have the serial number, model number, and date of purchase available for reference when calling.

# IMPORTANT SAFETY INFORMATION

**▲ WARNING. READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS PRODUCT. FAILURE TO DO SO MAY RESULT IN FIRE, ELECTRICAL SHOCK, PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.**

- The W1665 Jump-starter, must only be used for its intended purpose. Follow the guide lines of this instruction manual.
- This product should never be used in a commercial environment
- Check the rating plate to ensure that the correct input voltage is being supplied to the product.
- Always switch the product OFF and remove the plug from the wall socket when not in use and before cleaning or changing accessories.
- Always ensure the product is switched off before changing batteries.
- Never reach for electrical product that has fallen into water, this will result in an electric shock.
- Disconnect the plug from the wall socket before attempting to remove it from the water.
- After removal, never attempt to re-connect the Jump-starter until it has fully dried and has been tested and approved by a qualified person.
- Designed to be used by responsible adults. Ensure all instructions and safety precautions are reviewed and adhered to. NOT for use by children!
- Never allow the cables to come into contact with a heat source, water or any other liquid.
- Prevent sharp objects from coming into contact with the cables when the Jump-starter is in use.
- Never allow the cables of the Jump-starter to drape over the edge of a work surface where it could be pulled by a small child.
- Always check the position of the cables when the Jump-starter is in use and use cable restraints when provided.
- Never carry the Jump starter by the cables as it could cause damage resulting in electrical failure when next used.
- Never operate this product if the cable or plug, become damaged. NOTE: Only a qualified person can carry out repairs on this item.
- Be aware that electrical products become hot during use. Never touch hot surfaces during use and ensure all users are informed of the risks. Use an oven glove where required.
- Where relevant, keep all ventilation slots clear from obstructions and observe safe working distances from walls etc. Never put anything into the ventilation slots of an electrical appliance.
- Never operate this product with wet hands. Always ensure your hands, the Jump-starter and work area, are dry before moving forward with connections.
- If this product stops working unexpectedly, switch off and unplug the product immediately. Seek professional advice before attempting to re-use the product.

## USAGE INSTRUCTIONS

The W1666 Jump Starter is designed as a compact, portable booster system. Ideally designed for vehicles, boats and just about anything powered by a 12-volt battery. This self-contained system will start most vehicles and boats without the need for a host vehicle or booster cables. This system can also be used as a safe, portable source of 12 volt DC electric power. A great addition in remote location, or during an emergency.

The W1666 Jump Starter has an easy to read color-coded battery meter that indicates the level of charge. Two 12 volt DC vehicle accessory sockets providing power for various applications. This allows maximum portability and utility when other power sources are not available. Your jump starter can be recharged with the included 120V AC adapter/charger. The red LED will illuminate when the battery is recharging. Covers are provided for the 12V DC output sockets to protect internals from outside elements.

**⚠ WARNING:** Always wear eye protection when working on or around lead-acid batteries. If splashed with battery acid: Immediately wash affected area such as face and particularly the eyes with clean water. Continue washing the affected area and face until medical help arrives.

**⚠ WARNING:** Lead-acid batteries generate hydrogen gas during normal operation. More gas is generated when the battery is charging. Hydrogen gas is:

1. Explosive
2. Poisonous to breathe
3. Highly flammable

*To avoid explosion and/or the possibility of being splashed with battery acid:*

1. Never allow the red and black clamps to touch each other nor to both touch the same metal object.
2. Only attempt to jump start a vehicle in a well ventilated area.
3. Always connect the red(+) clamp to the positive(+) battery terminal of vehicle
4. Connect the black (-) clamp to a good ground (-), a non-moving metal part on the engine or frame.

**⚠ CAUTIONS:**

*Do not attempt to jump start a battery that is frozen, cracked or damaged in any way. Doing so could cause an explosion.*

1. To avoid possible damage that may shorten the unit's working life, protect this unit from direct sunlight, direct heat and/or moisture.
2. This system is designed to be used only on automobiles, boats, or motorcycles with 12-Volt electric systems. Can also be used on equipment using 12V DC automotive style batteries.
3. This system is not designed to be used as a replacement for a vehicle's battery
4. Air compressor caution: run compressor only for 10 minutes at a time continuously. Then leave off for 10 minutes before using again so that compressor can cool.

## FEATURES

**Built-in 12 Volt 12AH SLA-battery**

**300 psi Air compressor with dial gauge**

**Built-in 7 LED light**

**Two 12V DC Output sockets Max Current 15A**

**One USB port/LED battery level indicator**

**Reverse polarity indicator**

**Made with a high impact rubberized housing for a safe and secure grip**

**Built-in overload protection**

**Automatic cut off to prevent overcharging**

**Both AC and DC charging adapter included**

**With AC UL adapter**

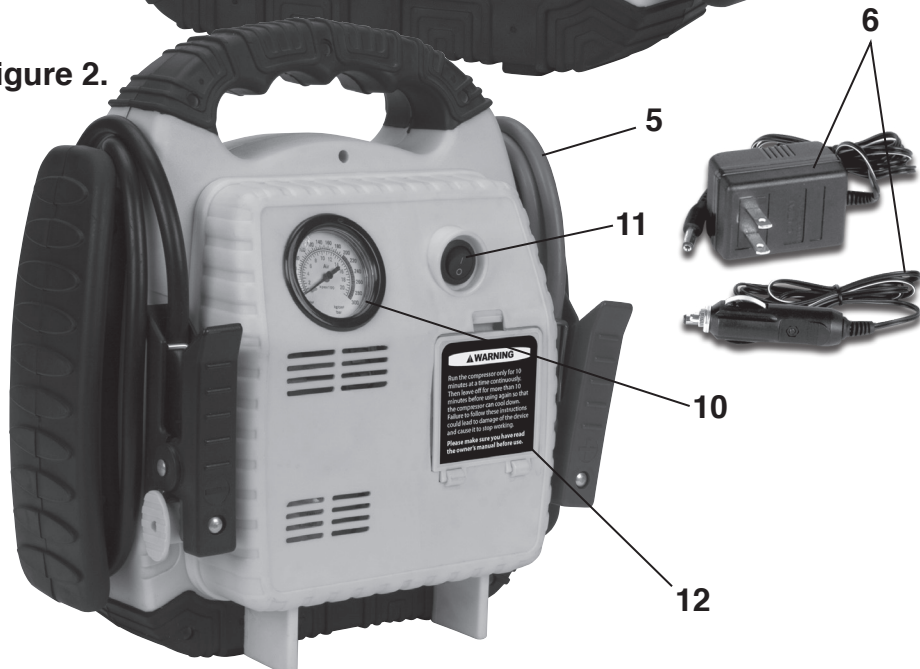
**Specifications are subject to change without notice.**

# PARTS LISTING

Figure 1.



Figure 2.



## PARTS LISTING

1. Impact resistant polyethylene case
2. Two 12 Volt output sockets
3. Color-coded battery meter
4. On/Off safe switch for the jumper cables
5. Heavy duty 500 AMP booster clamps
6. Adapter/chargers
7. Emergency light
8. Emergency light switch
9. DC charging LED and receptacle for charging plug
10. Dial gauge
11. Air compressor switch
12. Inflation hose and hose storage
13. Battery level test button
14. USB port
15. USB working indicator (Green)

## RECHARGING

For maximum battery life, we recommend that your Jump Starter be kept fully charged at all times. If the battery is allowed to remain in a discharged state battery life will be shortened. The table below shows the relationship of the frequency of use between recharging and the expected number of charge/recharge cycle.

BATTERY LIFE	
Number of jump-starts between recharging	Discharge and recharge cycles
1	1000+
5	700+
10	500+

### BATTERY RECHARGING TIPS:

The time required to fully recharge your Jump Starter after jump-starting an engine is a function of how many jump-starts are performed between recharging sessions. The table below shows the approximate recharging times you can expect.

RECHARGING TIMES VS. JUMP-STARTS	
Number of jump-starts	Recharging time (in hours)
1	8
2	16
3	24
4	32
5	40
6	48

To check the battery charge, press the red button next to the volt meter. This will show you the battery's internal charge level. Recharge if in a discharged state.

### AC CHARGING:

Plug the charging adapter into an AC wall outlet. Plug the other end into the receptacle beside the DC charging LED (No.9, see figure #1). Monitor the front panel of your Jump Starter until the battery meter shows full, 14 to 15 DC.

### DC CHARGING:

Insert the DC plug adapter into the 12V DC power receptacle of your vehicle. Plug the other end into the receptacle beside the DC charging LED (No.9, see figure #1). Monitor the front panel of your Jump Starter until the battery meter shows full, 14 to 15 DC.

## OPERATION

### To use your Jump Starter as a 12V DC/DC power source:

1. Lift up the cover of one of the 12V DC receptacles (No.1, see figure #1).
2. Insert the 12V DC plug adapter from the appliance into the 12V DC power receptacle on the side of your Jump Starter (No.1, see figure #1)

The following table will give you an idea of the operation time you can expect when starting from a fully charged system.

Appliance type	Estimated power consumption	Estimated usage time
Fluorescent lights, cell phones	4 watts	30 hours
Radios, fans, depth finders	9 watts	21 hours
Camcorders, VCR's, spotlights	15 watts	12 hours
Electric tools, bilge pumps	24 watts	7 hours
Electric coolers	48 watts	3 hours
Air compressors ,car vacuums	80 watts	1.5 hours

## JUMP STARTING

For the best performance when using the Jump Starter on your vehicle or boat, please read and follow these step by step instructions:

1. Connect the red (+) alligator clamp to the red (+) positive battery terminal on the vehicle or boat.
2. Connect the black (-) alligator clamp to a non-moving metal part of the engine, NOT to the (-) negative battery terminal.
3. Wait a minute or two.
4. Switch the vehicle or boat engine ignition to "start" for no more than 5 to 6 seconds.
5. If the vehicle or boat engine does not start, wait at least 3 minutes before trying again.

***Under no circumstances allow the red and black clamps to touch each other or a common contact***

1. Once the engine is running, disconnect the black (-) clamp first and return this cable to its stored position on the power booster.
2. Disconnect the red (+) clamp and return this cable to its stored position on the Jump Starter.
3. As soon as possible, connect your Jump Starter system to the AC adapter and recharge.

## COMPRESSOR OPERATION

**⚠ CAUTION:** Run compressor only for 10 minutes at a time continuously. Then leave off for 10 minutes before using again so that the compressor can cool.

1. Be sure main power switch on front face is in the "ON" position.
2. For tire inflation use the universal adapter that is attached permanently to the air hose. Place this adapter onto the tire valve system, press the adapter lever down to lock onto the valve system.
3. For inflation of balls, flotation devices, etc., use one of the plastic nozzles or needle valve.
4. Check pressure gauge, determine the desired pressure.
5. Turn on power switch.
6. When the desired pressure is reached, turn the compressor switch off.
7. Remove the adapter from tire or other item being inflated.

## BATTERY DISPOSAL

The lead acid battery contained in the power booster jump start system should be recycled once it has expired. Please contact your local solid waste authority for recycling information.

**⚠ WARNING:** Do NOT dispose of the battery in an open flame as this may result in an explosion.

**⚠ WARNING:** Before disposing of the battery, protect exposed terminals with heavy-duty electrical tape to prevent shorting (shorting can result in injury or fire). Do NOT expose battery to fire or intense heat as it may explode.

## ENVIRONMENT PROTECTION

- The crossed out wheel bin symbol on this item indicates that this appliance needs to be disposed of in an environmentally friendly way when it becomes of no further use or has worn out. Contact your local authority for details of where to take the item for re-cycling.
- Do not dispose of electrically powered products with household wastes. They should be utilized in proper plants.
- Obtain information on wastes utilization from your seller or local authorities.
- Used up electric and electronic equipment contains substances active in natural environment.
- Unrecycled equipment constitutes a potential risk for environment and human health.

