

600 Amp Battery Jumper™

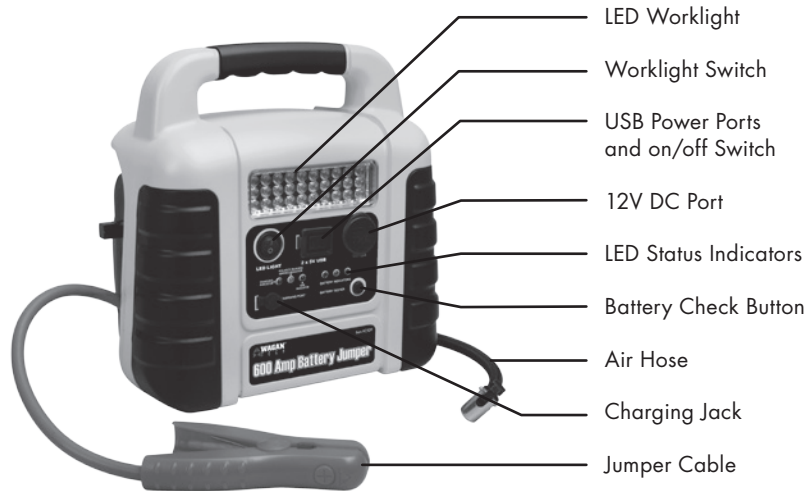
with Air Compressor



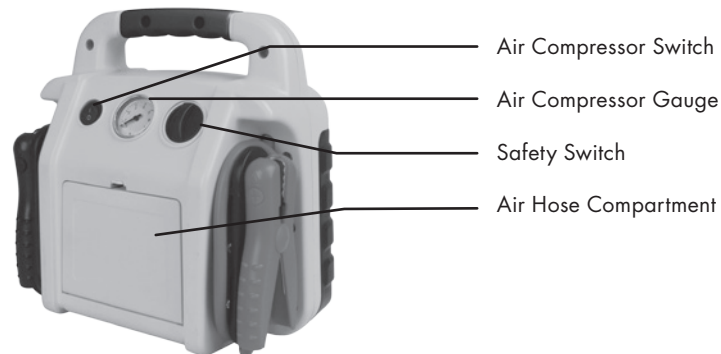
User's manual- Read these instructions before using the unit

Features

Front



Back



Thank you for purchasing 600 Amp Battery Jumpstarter™ by Wagan Tech. With normal care and proper treatment it will provide years of reliable service. Please read all operating instructions carefully before use.

IMPORTANT

Before using this unit, read and understand all instructions included in this manual also those published by your vehicle's battery manufacturer and the manual of any other device intended to be used with this unit. Failure to follow all listed instructions may result in electric shock, fire, and/or serious personal injury.

Save these instructions for future reference.

GENERAL SAFETY RULES

- This product is not a toy. Keep out of the reach of children.
- Wear complete eye and clothing protection. Do not touch eyes while working near battery.
- Do not operate this unit in or around water. Water can damage the unit.
- Remove metal, personal jewelry, such as rings, bracelets, necklaces and watches while working with a lead acid battery; these items could produce a short-circuit that may cause severe burns.
- Do not operate this device while wearing vinyl clothing. Static electricity may be generated when vinyl clothing is rubbed.
- Keep battery terminals clean. Be careful to keep corrosion from coming in contact with eyes

Service

- This product has no consumer serviceable parts.
- Do not attempt to remove or replace the battery used in this device. When the battery has reached the end of its useful lifetime, take the entire unit to a battery recycling facility.

SPECIFIC SAFETY RULES

- This product is not intended for use in the rain or temperatures above 130°F.
- Do not let the cords of the jumpstarter or attached appliances get wet.
- Never allow clamps (positive & negative terminals) to touch together or to connect the same piece of metal to prevent short-circuits and arcing.
- Never work alone with this product. Make sure that someone is available to give assistance if needed.
- Use only the provided chargers, cables and clamps. Unauthorized parts may damage the unit.
- For proper and safe operation of the 12 Volt DC power accessory outlets, do not place anything into it except the plug of the accessory to be used.

Description of Functions

Jump Starter

- 600 peak amps auto jump starter
- Powerful rechargeable 15AH sealed lead acid battery
- Heavy duty booster clamps
- Extra long 28" #6 gauge booster cables

DC Power Source

- 1 DC power outlet with overload protection for 12V appliances
- 110 Volt charger for home use

USB Power Source

- 2 USB power ports with 2.1 Amp output to power and recharge most USB devices such as tablets, MP3 players, cell phones and more.

Other Features

- 30 LED built-in work light
- Battery status indicator lights
- Built-in safety features to prevent sparking
- Ideal for cars, vans, SUVs, trucks, boats and more

Charging and Recharging

WARNING: Do not overcharge this unit. Prior to charging unit, read and understand all instructions on this manual. Overcharging may result in damage to the unit.

- This product may arrive partially charged from the manufacturer. It is recommended to fully charge the unit immediately after purchase and before using for the first time.
- The red charging LED indicator will be illuminated while the unit is charging. After charging period is completed, push the "Battery Indicator Button", and the three LED battery lights should light up. The battery is now fully charged.
- Do not charge the unit for more than 48 continuous hours.
- Do not charge the unit on a boat, boat ramp, or dock since the electrical cords and outlets used for charging could cause severe electrical shock if they get wet.
- It is recommended that the unit be in an upright position while charging.

NOTE: Make sure both cable clamps (positive and negative) are placed in their storage holsters when not in use.

Charging with the AC Charger

1. Insert AC charger plug into charging jack of the unit.
2. Insert AC charger receptacle plug into AC receptacle.

3. Fully charges the unit to the following:
 - Initial and first time charge: 38 hours continuously
 - Recharge or between use: around 34 hours continuously.
4. When charging is complete, unplug the AC charger receptacle plug then the AC charger from the charging jack on the unit.

Charging with the 12 Volt DC Charger:

1. Insert DC charger plug into charging jack of the unit.
2. Insert DC charger accessory plug into vehicle cigarette lighter socket.
3. Fully charge the unit for around 14 hours continuously, while the engine is running.
4. When charging is completed, unplug the DC charger accessory plug first and then the DC charger from the charging jack on the unit.

Jumpstarting a Vehicle

WARNING: Vehicles equipped with on-board computers may be affected if the engine battery is jump-started. Read your vehicle owner's manual before attempting to start the vehicle to determine if external starting assistance can be used. Failure to follow these instructions may cause damage or explosion. Use safety glasses to protect eyes while jump-starting a battery.

1. Turn off the vehicle ignition and all accessories (e.g. radios, lights, air conditioners, and cellular phones).
2. Set the emergency brake and put vehicles with automatic transmission in park position.
3. Determine the polarity of the vehicle's battery terminals. The positive (POS, P, +) battery terminal usually is larger in diameter than the negative (NEG, N, -) terminal. If you are unsure, you should refer to the vehicle owner's manual.

4. Determine whether your vehicle uses a negative or positive grounded system: Negative ground system (negative battery terminal is grounded to chassis). Most vehicles use this system. Positive grounded battery terminal is grounded to chassis or any other part of the vehicle. IF YOU ARE UNSURE, YOU SHOULD REFER TO VEHICLE OWNER'S MANUAL.
5. Remove clamps from the holders. Never allow clamps (positive & negative terminals) to touch together or contact the same piece of metal to prevent short-circuits and arcing.
6. Follow instructions for a negative grounded system or positive grounded system as indicated below:

Negative Grounded System

- a. Securely connect the positive (+) red clamp to the positive (POS, P, +) terminal of the vehicle battery or the remote positive (+) terminal if equipped.
- b. Securely connect the negative (-) black clamp to the vehicle chassis, engine block, or a non-moving metal part of the vehicle which is verified to be grounded. Do not clamp directly to negative battery terminal, carburetor, fuel lines, or sheet metal body parts.
- c. See jump-starting step 7 to continue.

Positive Grounded System:

- a. Securely connect the negative (-) black clamp to the negative (Neg, N, -) ungrounded terminal of the vehicle battery.
- b. Securely connect the positive (+) red clamp to the vehicle chassis, engine block, or a non-moving metal part of the vehicle which is verified to be grounded. Do not clamp directly to positive battery terminal, carburetor, fuel lines, or sheet metal body parts.
- c. See jump-starting step 7 to continue.

7. Turn on the safety switch and allow 2 to 3 minutes of charging time. It is recommended to have a second person to assist holding the unit securely in place during the next steps.
8. Turn on the vehicle to attempt to start the engine. Stop if the vehicle does not start after 4 to 5 seconds of engine cranking. Wait 3 to 4 minutes then try again. Repeat several times until the vehicle starts.

CAUTION: Excessive engine cranking can damage vehicle starter motor. If the engine turns, but fails to start after several attempts, other technical problems might be involved. Discontinue cranking the engine until the other problems have been determined and corrected.

9. When finished, turn OFF the safety switch, stand as far away from the vehicle battery as possible and disconnect the clamps in reverse sequence to connecting procedure:
 - For negative grounded systems, first disconnect negative (black) then positive (red) clamps.
 - For positive grounded systems, first disconnect positive (red) then negative (black) clamps.

DC Power Port

The DC Power Port (accessory socket) is located to the right front side of the unit. The port can power a DC load of up to 11 Amps. Overloading the port may result in "tripping" a self-resetting circuit breaker. Removing the overload automatically restores power to the DC Power Port.

1. Uncover the dust cover from the Power Port.
2. Insert the 12V DC accessory plug into the Power Port.
3. Set On/Off safety switch to the "ON" position.
4. Operate the appliance as usual.
5. After use, turn OFF the safety switch.
6. Disconnect the accessory plug from the DC Power Port and store the accessory.

7. Replace the Power Port's dust cover.
8. Recharge the Jumper as soon as convenient.

USB Power Port

Two USB power ports located underneath the LED work light can power/charge devices that require 5V at up to 2.1 Amps through the use of a user supplied cable.

1. To use the USB ports, connect the USB device to one of the USB ports and press down the USB ON/OFF switch once to power ON the USB port. The USB power indicator LED will light up.
2. When finished, disconnect the device from the USB port on the jumper and press down the USB ON/OFF switch once to power OFF the USB port. The USB power indicator LED will turn off.
3. Recharge the jumper as soon as convenient.

Storage

This unit may be stored in any position. Make sure the clamps are secure inside the booster cable storage covers. Store at room temperature. If not used for a prolonged period of time, recharge every 2 months in the winter and every month in the summer.

Specifications

Power Supply Battery	15AH sealed lead acid
Power Supply DC Output	12-volts nominal
Power Supply Charging Time	• 38 hours for the first time charging with AC charger • 34 hours to recharge with AC charger • 14 hours to recharge with 12-volt DC charger
Storage	Store in a cool dry area

WAGAN Corp. Limited Warranty

All WAGAN Corporation products are warranted to the original purchaser of this product.

Warranty Duration: This product is warranted to the original purchaser for a period of one (1) Year from the original purchase date, to be free of defects in material and workmanship. WAGAN Corporation disclaims any liability for consequential damages. In no event will WAGAN Corporation be responsible for any amount of damages beyond the amount paid for the product at retail. In the event of a defective item, please contact WAGAN Corporation at (800) 231-5806 to obtain a Returned Merchandise Authorization number (RMA#), and return instructions. Each item returned will require a separate RMA#. After you have received the RMA# and the return instructions from WAGAN Corporation, please follow the instructions and send the item with PREPAID SHIPPING, along with all of the required documentation, a complete explanation of the problem, your name, address and daytime phone number. WAGAN Corporation will, at its option, replace or repair the defective part.

A Returned Merchandise Authorization number (RMA#) is REQUIRED when sending in any defective item. WAGAN Corporation is not responsible for any item(s) returned without an official Returned Merchandise Authorization number. The item(s) must be returned with prepaid shipping. WAGAN Corporation is not responsible for any shipping charges incurred in returning the item(s) back to the company for repair or replacement. This warranty is void if the product has been damaged by accident, in shipment, unreasonable use, misuse, neglect, improper service, commercial use, repairs by unauthorized personnel or other causes not arising out of defects in materials or workmanship. This warranty is effective only if the product is purchased and operated in the USA and does not extend to any units which have been used in violation of written instructions furnished.

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

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



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