

Please read and save these instructions. Read through this owner's manual carefully before using product. Protect yourself and others by observing all safety information, warnings, and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property. Please retain instructions for future reference.



COMMERCIAL GRADE 18000 mAh LI-ION JUMP STARTER AND POWER BANK

FOR CUSTOMER SERVICE

Technical Question?

CALL 1-866-458-2472

customerservice@oem-tools.com

UNPACKING

After unpacking the unit, inspect carefully for any damage that may have occurred during transit. Check for loose, missing, or damaged parts. If any damage is observed, a shipping damage claim must be filed with the carrier. DO NOT use the OEMTOOLS™ Jump Starter if broken, bent, cracked or damaged parts (including labels) are noted. Any Jump Starter that appears damaged in any way, operates abnormally or is missing parts should be removed from service immediately. If you suspect that the Jump Starter was subjected to shock load (a load that was dropped suddenly, unexpectedly, etc.), immediately discontinue use until it has been checked by a factory authorized service center.



⚠ WARNING

The following safety information is provided as a guideline to help you operate your Jump Starter under the safest possible conditions. Any tool or piece of equipment can be potentially dangerous to use when safety or safe handling instructions are not known or not followed. The following safety instructions are to provide the user with the information necessary for safe use and operation. Please read and retain these instructions for the continued safe use of your tool. Failure to follow instructions listed below may result in serious injury. In addition, make certain that anyone who uses the equipment understands and follows these safety instructions as well.

EXPLANATION OF SAFETY SIGNAL WORDS

⚠ WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION: Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTES: Provide clarity and helpful information.

Thank you very much for choosing an OEMTOOLS™ Product!

For future reference, please register your new tool at www.oem-tools.com and complete the owner's record below:

Model: _____ **Purchase Date:** _____

Save the receipt, warranty and these instructions. It is important that you read the entire manual to become familiar with this product before you begin using it. This product is designed for certain applications only. OEMTOOLS™ cannot be responsible for issues arising from modification. We strongly recommend that this product is not modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, DO NOT use the product until you have first contacted customer service to determine if it can or should be performed on the product.



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IMPORTANT INSTRUCTIONS AND SAFETY RULES

1. Know your tool. Read this manual carefully. Learn the tool's applications and limitations, as well as potential hazards specific to it.
2. Maintain a safe working environment. Keep the work area well lit. Make sure there is adequate surrounding workspace. Keep the work area free of obstructions, grease, oil, trash, and other debris. DO NOT use this product in a damp or wet location.
3. Keep children away. All children should be kept away from the work area. Never let a child handle a tool without strict adult supervision.
4. DO NOT operate this tool if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, DO NOT attempt to operate.
5. Use safety equipment. Eye protection should be worn at all times when operating this tool. Use ANSI approved safety glasses. Everyday eyeglasses are NOT safety glasses. Dust mask, non-skid safety shoes, hard hat or hearing protection should be used in appropriate conditions.
6. Wear proper apparel. Loose clothing, gloves, neck-ties, rings, bracelets or other jewelry may present a potential hazard when operating this tool. Keep all apparel clear of the tool.
7. DO NOT overreach. Keep proper footing and balance at all times when operating this tool.
8. Check for damage. Check your tool regularly. If part of the tool is damaged, it should be carefully inspected to make sure that it can perform its intended function correctly. If in doubt, the part should be repaired. Refer all servicing to a qualified technician. Consult your dealer for advice.
9. Keep away from flammables. DO NOT attempt to operate this tool near flammable materials or combustibles. Failure to comply may cause serious injury or death.
10. Store idle tools out of the reach of children and untrained persons. Tools may be dangerous in the hands of untrained users.
11. Maintain tools with care.
12. Keep tools dry and clean.
13. Properly maintained tools are less likely to bind and are easier to control. DO NOT use a damaged tool. Tag damaged tools "DO NOT use" until repaired.
14. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation.
15. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
16. Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may become hazardous when used on another tool.
17. Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.
18. When servicing a tool, use only identical replacement parts. Use of unauthorized parts or failure to follow maintenance instructions may create a risk of injury.
19. Maintain labels and nameplates on this product. These carry important information. If unreadable or missing, contact OEMTOOLS™ for a replacement.
20. Keep the power source clean, dry, and free from brake fluid, grease and oil.
21. Before use, read and understand all warnings, safety precautions, and instructions as outlined in the vehicle manufacturer's service manual. It is beyond the scope of this manual to properly describe the correct procedure and test data for each vehicle.
22. Always perform vehicle service in a properly ventilated area. Never run an engine without proper ventilation for its exhaust. Stop work and take necessary steps to improve ventilation in the work area if you develop momentary eye, nose, or throat irritation as this indicates inadequate ventilation.
23. Engine parts that are in motion and unexpected movement of a vehicle can injure or kill. When working near moving engine parts, wear snug fit clothing and keep hands and fingers away from moving parts. Keep hoses and tools clear of moving parts. Always stay clear of moving engine parts. Hoses and tools can be thrown through the air if not kept clear of moving engine parts.
24. The unexpected movement of a vehicle can injure or kill. When working on vehicles, always set the parking brake or chock the wheels.
25. Avoid accidental fire and/or explosion. DO NOT smoke near engine fuel and battery components.
26. The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. The operator must understand that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.
27. For safety purposes and the prevention of damage to expensive components, it is advised that the user have an understanding of basic automotive repair and a working knowledge of automotive systems.
28. We believe the information contained herein to be reliable. However, general technical information is given by us without charge and the user shall employ such information at their own discretion and risk. We assume no responsibility for results or damages incurred from the use of such information in whole or in part. Always refer to specific instructions and technical information supplied by vehicle manufacturer.
29. The manufacturer declines any and all responsibility for damage to vehicles or components if said damage is the result of unskillful handling by the operator or of failure to observe the basic safety rules set forth in the instruction manual.
30. This equipment is intended only for professional use by personnel trained in performing the service functions for which it was designed.
31. In addition to these guidelines, always follow the manufacturer's recommended procedures when servicing each unique vehicle.
32. To reduce the risk of battery explosion, follow these instructions and those published by the battery manufacturer and the manufacturer of any equipment you intend to use in the vicinity of a battery. Review cautionary markings on these products and on the engine.



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▲ WARNING: This product contains rechargeable lithium-ion batteries. Lithium batteries are potentially hazardous and can present a serious FIRE HAZARD if damaged, defective or improperly used. Larger lithium batteries and those used for industrial use involving high discharge current and frequent full discharge cycles require special precautions. User assumes all risk associated.

▲ WARNING: RISK OF IGNITING EXPLOSIVE GASES WHILE WORKING WITH, AND IN THE AREA OF, A LITHIUM OR LEAD-ACID BATTERY IS DANGEROUS. BATTERIES GENERATE EXPLOSIVE GASES DURING NORMAL OPERATION. IT IS IMPORTANT THAT YOU FOLLOW THESE INSTRUCTIONS EACH TIME YOU USE THE UNIT.

PRODUCT DESCRIPTION

The OEMTOOLS™ Commercial Grade 18000 mAh Li-Ion Jump Starter and Power Bank jump starts cars, charges phones, tablets and personal electronics.

PRODUCT SPECIFICATIONS

Capacity:	18000mAh/66.6Wh
Start Current:	450A
Peak Current:	900A
Charging Port Output:	5V/2.1A (min 80mA)
Input:	5V/2.1A(max)
Size:	7.9" x 3.8" x 1.7" (L x W x H)
Weight:	28 Oz.

SPECIFIC SAFETY INSTRUCTIONS AND WARNINGS

- DO NOT put fingers or hands into any of the power source's outlets.
- DO NOT expose the power source to rain or snow.
- Use only recommended attachments. Use of an attachment not recommended or sold by OEMTOOLS™ may result in a risk of fire, electric shock or injury to persons or damage to property.
- To reduce the risk of damage to the electric plug or cord, pull by the plug rather than the cord when disconnecting the unit.
- DO NOT operate the unit with damaged cables or clamps.
- Never attempt to modify or alter unit, cables or accessories; this can result in permanent damage to unit, electric shock, and/or personal injury and property damage.
- DO NOT disassemble the unit. Contact OEMTOOLS™ at 1-800-457-0600 for instruction. Incorrect reassembly may result in a risk of fire or electric shock.

▲ WARNING: Risk of explosive gases.

- To reduce the risk of a battery explosion, follow these instructions and those published by the battery manufacturer and the manufacturer of any equipment you intend to use in the vicinity of the battery. Review the cautionary markings on these products and on the engine.
- DO NOT set the unit on flammable materials, such as carpeting, upholstery, paper, cardboard, etc.
- DO NOT use the unit to jump start a vehicle while charging the internal battery.

▲ WARNING: RISK OF EXPLOSIVE GASES. A SPARK NEAR THE BATTERY MAY CAUSE A BATTERY EXPLOSION.

TO REDUCE THE RISK OF A SPARK NEAR THE BATTERY:

- NEVER smoke or allow a spark or flame in the vicinity of a battery or engine.
- Remove personal metal items such as rings, bracelets, necklaces and watches when working with a lithium or lead-acid battery. A battery can produce a short circuit current high enough to weld a ring to metal, causing a severe burn.
- Be cautious to reduce the risk of dropping a metal tool onto the battery. It might spark or short-circuit the battery or other electrical part that may cause an explosion.
- Do not permit the internal battery of the unit to freeze. Never charge a frozen battery.
- To prevent sparking, NEVER allow clamps to touch together or contact the same piece of metal.
- Always have someone nearby to come to your aid when you work near a lead-acid battery.
- Have plenty of fresh water, soap and baking soda nearby for use, in case battery acid contacts your eyes, skin, or clothing.
- Wear complete eye and body protection, including safety goggles and protective clothing. Avoid touching your eyes while working near the battery.
- If battery acid contacts your skin or clothing, immediately wash the area with soap and water. If acid enters your eye, immediately flood the eye with cold running water for at least 10 minutes and get medical attention right away.
- If battery acid is consumed, DO NOT induce vomiting. Seek medical attention immediately.
- Neutralize any acid spills thoroughly with baking soda before attempting to clean up.

BEFORE USE PRECAUTIONS AND PREPARATIONS

▲ WARNING: RISK OF CONTACT WITH BATTERY ACID. BATTERY ACID IS A HIGHLY CORROSIVE SULFURIC ACID.

- Make sure the area around the battery is well ventilated while the unit is in use.
- Clean the battery terminals before using the jump starter. During cleaning, keep airborne corrosion from coming into contact with your eyes, nose and mouth. Use baking soda and water to neutralize the battery acid and help eliminate airborne corrosion. Do not touch your eyes, nose or mouth.
- Determine the voltage of the battery by referring to the vehicle owner's manual and make sure that the output voltage of the Jump Starter is correct.
- Make sure that the power source cable clamps make secure connections.



COMMERCIAL GRADE 18000 mAh LI-ION JUMP STARTER AND POWER BANK

CHARGING THE UNIT

IMPORTANT! NEVER CHARGE UNIT UNATTENDED. CHARGE IMMEDIATELY AFTER PURCHASE, AND EVERY 3-6 MONTHS, TO KEEP THE INTERNAL BATTERY FULLY CHARGED AND PROLONG BATTERY LIFE. CHARGE AFTER USE. IF USED TO JUMP START, ALLOW UNIT TO COOL DOWN FOR 15-20 MIN BEFORE CHARGING.

IMPORTANT: DO NOT USE THE UNIT WHILE CHARGING THE INTERNAL BATTERY.

- To reduce the risk of electric shock, unplug the unit's wall charger from the outlet before attempting any maintenance or cleaning. Simply turning off the controls will not reduce this risk.
- When charging the internal battery, do so in a well-ventilated area and do not leave unattended. Never charge the unit immediately after jump start. Allow 15-20 min cool down.

HOW TO CHARGE POWER SOURCE

- Plug the Micro USB cable into the unit input port.
- Insert the other end of the USB cable into:
 - an AC adapter connected to the wall socket
 - a charging computer USB port
 - the DC adapter socket of a cigarette lighter (both AC adapter and car adapter are included)
- The unit will automatically begin to charge and will turn off when the battery of the Jump Starter is fully charged.

LED INDICATOR DISPLAY WHILE CHARGING THE UNIT

LED Power Meter Charging LED Display	Battery Capacity
	First light blinking <25%
	25%-50%
	50%-75%
	75%-99%
	Fully charged

USB ADAPTER CHARGING SPEED

Adapter Current Output	Charging Time
5V/4A	About 5 hours
5V/3A	6-7 hours
5V/2A	9-10 hours
5V/1A	About 20 hours
5V/0.5A	About 40 hours

HOW TO USE THE JUMP STARTER

WHEN CONNECTING TO THE BATTERY

⚠ WARNING: A SPARK NEAR THE BATTERY MAY CAUSE A BATTERY EXPLOSION. TO REDUCE THE RISK OF A SPARK NEAR THE BATTERY:

- Attach the output cables to the battery and proper ground as indicated below. Never allow the output clamps to touch each other.
- Position the DC cables to reduce the risk of damage by the hood, door and moving or hot engine parts.

NOTE: If it is necessary to close the hood during the jump starting process. Ensure that the hood does not touch the metal part of the battery clips or cut the insulation of the cables.

- Stay clear of fan blades, belts, pulleys and other parts that can cause injury.
- Check the polarity of the battery posts. The POSITIVE (POS, P, +) battery post usually has a larger diameter than the NEGATIVE (NEG, N, -) post. Determine which post of the battery is grounded (connected) to the chassis. If the negative post is grounded to the chassis (as in most vehicles), see step 6. If the positive post is grounded to the chassis, see step 7.
- For a negative-grounded vehicle, connect the POSITIVE (RED) clamp from the power source to the POSITIVE (POS, P, +) ungrounded post of the battery. Connect the NEGATIVE (BLACK) clamp to the NEGATIVE (NEG, N, -) post of the battery. Do not connect the clamp to the carburetor, fuel lines or sheet-metal body parts.
- For a positive-grounded vehicle, connect the NEGATIVE (BLACK) clamp from the power source to the NEGATIVE (NEG, N, -) ungrounded post of the battery. Connect the POSITIVE (RED) clamp to the POSITIVE (POS, P, +) grounded post of the battery. Do not connect the clamp to the carburetor, fuel lines or sheet-metal body parts.
- When disconnecting the unit, remove the clamp from the power source, and then remove the clamps from the battery terminals.

JUMP START 12V VEHICLE INSTRUCTION

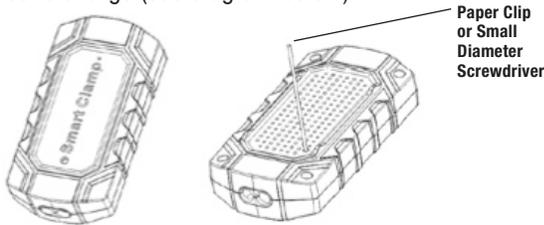
- Make sure that the unit is showing no less than 3 lights on the LED charge indicator display before using as a jumpstarter.
- Connect the RED clamp to the vehicle's battery positive (+) terminal and connect the BLACK clamp to the battery negative (-) terminal.
- Plug the cord of jumper cable into the jump start output port.
- Check indicator light on the clamps. If the light is green, it's ready to go. Start the vehicle, otherwise check the connection.
- When the vehicle is started, remove the jumper cable from the device and disconnect RED and BLACK clamps from vehicle battery terminals.
- Leave the vehicle's engine running.
- DO NOT ATTEMPT TO DRIVE VEHICLE WITH THIS DEVICE CONNECTED TO THE BATTERY, OR LEAVE ATTACHED TO THE BATTERY OF A RUNNING VEHICLE



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SMART CLAMP INSTRUCTIONS:

The improved Smart Clamps automatically sense resistance. If the LED light does not turn green when correctly connected to battery terminals, the Smart Clamps are sensing either 0V or 12V resistance. If the Smart Clamps sense 0V resistance, while the cables are connected, turn the car key (this may introduce greater resistance). If the car has 11.9V resistance or greater, the Smart Clamps will not allow the Jump Starter to provide power. In these specified cases, the boost override button located on the back of the Smart Clamp unit will need to be engaged. Use a paper clip or small diameter screwdriver to press the boost override button which will allow jump starting cables to charge (see diagram below)



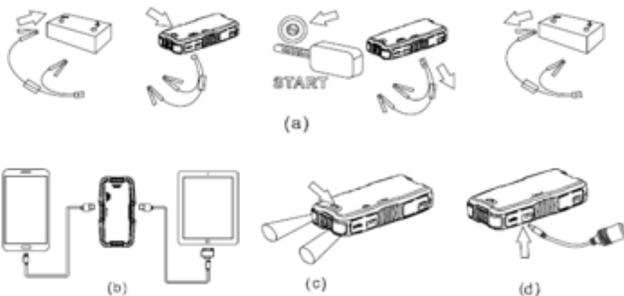
CHARGING CELL PHONE OR TABLET INSTRUCTION

1. Plug the USB cable to USB 5V/2.1A output port.
2. Select the appropriate connector for your cell phone or tablet and connect it to any of them. This device can identify and charge your electronic device automatically. The indicators will be on when the device is charging.

NOTE: Please be advised that this device will not charge devices with input currents lower than 80mA, including some Bluetooth and GPS devices.

LED FLASHLIGHT

1. Press the switch for 2 seconds to turn on/off the LED flashlight.
2. There are 3 modes of the LED light: Normal light, Strobe light and SOS, which can be shifted from one to another by pressing the switch.
3. Press the switch 3 seconds to turn off the LED flashlight for all modes.



TROUBLESHOOTING

Problem	No response when pressing the switch button.
Cause	Low voltage protection of this gadget is started.
Solution	Plug the Micro USB cable into the gadget input port.

1. Always make sure that the blue plug on the jumper cable is tightly inserted into the jump start output before jump starting the vehicle. Otherwise, it will affect the performance of the device and could cause melting on the blue plug.
2. Always ensure the jumper cable clamps have a good connection. Check the vehicle battery connector for excess buildup and clear any away before jump starting the vehicle. DO NOT attempt to jump start after 3 failed attempts. Otherwise, it will damage your jump starter. After 3 failed attempts, please check your vehicle for other problems; it is likely that your vehicle has an underlying issue causing it to not start.
3. DO NOT disassemble the jump starter. It can be dangerous and will void the warranty.

MAINTENANCE INSTRUCTIONS

1. After use and before performing maintenance, unplug and disconnect the unit.
2. Use a dry cloth to wipe all battery corrosion and other dirt or oil from the battery clamps, cords, and the outer case.
3. Do not open the unit, as there are no user-serviceable parts; any servicing should be performed by factory qualified service personnel.

STORAGE INSTRUCTIONS

1. Charge battery to full capacity before storage.
2. Store this unit at temperatures between -4°F and 104°F (-20°C and 40°C).
3. Never completely discharge the battery.
4. Charge after each use.
5. Charge at least once every 3 to 6 months if not in frequent use, to prevent over-discharge.



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PACKAGE CONTENTS:

- Power Source Battery Unit
- Pigtail Adapter
- (2) USB 2.0 Type A Charging Cord
- Wall Adapter
- Jumper Cables with Smart Clamps
- Durable Storage Case
- User Manual
- DC Charging Adapter

PRODUCT LAYOUT

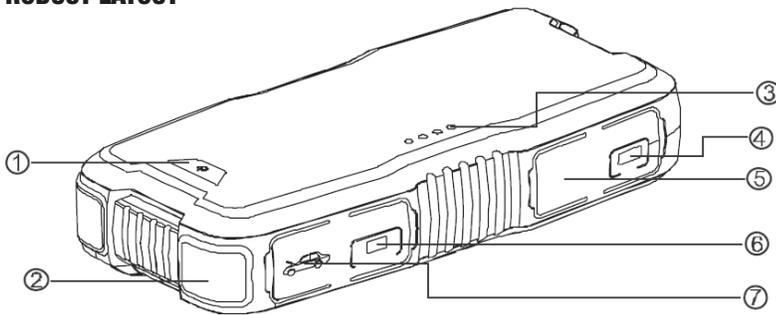


Figure	Description
1.	Power Button
2.	Dual LED Flashlights
3.	Charge Indicator
4.	(2) 5V/2.1A Output
5.	5V/2.1A Input
6.	12V/10A Output
7.	Jump Start Socket



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OEMTOOLS™ 90 DAYS LIMITED WARRANTY

For 90 days from the original purchase of this product, OEMTOOLS™ will warranty this item. If you find any defect in material or workmanship, through normal usage, return it to the place of purchase or to OEMTOOLS™ for repair or replacement at our discretion. In order to obtain this service, send your tool and proof of purchase, transportation; pre-paid, to OEMTOOLS Q.A. Dept., 3580 E. Raines Road #3, Memphis, TN 38118. We will not be responsible for lost or damaged goods during transportation, please insure your package. If our inspection verifies the defect, we will either repair or replace the product at our election, or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

OEMTOOLS™ does not provide warranty for products labeled other than OEM® or OEMTOOLS™. OEMTOOLS™ will not provide any warranty for products subjected to abnormal use. Abnormal use includes, but is not limited to, abuse, accident, alteration, neglect, and unauthorized or unreasonable use or repairs. This warranty does not cover bits, blades, files, batteries, or calibration. We recommend that you maintain your tools and sharpen or replace blades, bits, files, and batteries as necessary. OEMTOOLS™ reserves the right to make any changes in construction or design at any time without any obligation in incorporating such changes to tools or equipment previously sold.

OEMTOOLS™ makes every effort to ensure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear or to lack of maintenance.

We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Consumable components such as batteries are not covered by the warranty.

This warranty is invalidated if any of the following occurs, (but not limited to this list):

- Failure to follow instructions in the User's Manual
- Accidental and or unreasonable use or misuse
- Mishandling
- Over charging or overloading
- Extended storage without recharging
- Repairs by and un-authorized person or any modification
- Normal wear or accident

CONTACT US

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