

STEELMANTM
EST. 1986

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LI-ION JUMP START



60018

OPERATOR'S MANUAL

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LI-ION JUMP START



90 DAY | LIMITED WARRANTY

This STEELMAN™ product is backed by a Limited Lifetime Warranty. This warranty covers manufacturer defects and workmanship. The warranty excludes misuse or abuse and normal wear and tear. Exclusion is not allowed in some states and may not apply. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

For questions / comments, technical assistance or repair parts - Please call toll free at: 1-800-255-7011 (M-F 8am - 6pm CST)

HOW TO OBTAIN WARRANTY SUPPORT

Before sending a unit back for repair, an RMA (return materials authorization) number must be obtained and written on the outer shipping box. To get an RMA number, the customer/end user must call 844.356.2142 or submit a ticket online at www.steelmantools.com/contacts. We will ascertain if the unit needs to come in for repairs or replacement. Warranty claims that cannot be processed through the point of purchase and any other product related questions should be addressed directly to JS Products.

**SAVE YOUR RECEIPTS
THIS WARRANTY IS VOID WITHOUT THEM**

OPERATION

To recharge a mobile device,

1. Depress MAIN POWER button to power on the unit, green LED on lower row will turn on. (Depress button again to power off the unit.)
2. Firmly insert USB adapter cable or mobile device charging cable into USB port on the front panel. USB will automatically turn on. DO NOT use mobile device while it's recharging.

To recharge jump start,

1. Using extension cord, firmly insert plug end into 110VAC power source, fully insert outlet end into charging prongs on the side panel of the jump start housing.
2. Using 12VDC cigarette plug cable, firmly insert 5.5mm plug into charging jack on the front panel next to LED indicators, firmly insert cigarette plug into 12V cigarette plug charging jack.
3. Recharge Jump Start at least every 6 months to re-condition the battery cells.

SPECIFICATIONS

MODEL: JS-600 (#203)

INPUT: 110VAC or 12VDC

OUTPUT: 12V 600A

CAPACITY: 8000mAh

USB OUTPUT: USB 5.0V/2.4A

CLAMP RATING: 600A



SAVE THIS MANUAL

Reference this manual for all safety warnings and precautions, operating and maintenance procedures, parts list and diagrams. Keep your invoice with this manual and write your invoice number on the inside of the front cover. Keep the manual and invoice in a safe, dry place for future reference.

⚠ WARNING: Be sure to read and understand all safety instructions in this manual, including all safety alert symbols such as "danger", "warning", and "caution" before using this tool.

WARNINGS

1. Risk of fire, explosion and personal injury. Do not disassemble, crush, heat above 60°C (140°F) or incinerate.
2. Disassembly or improper use will void your warranty, and may result in serious injury, or death.
3. DO NOT use the product in wet or rainy environments.
4. Keep the product away from children.
5. DO NOT expose the product to fire.
6. DO NOT expose the product directly to sunlight at high temperature.
7. Do not use mobile device while recharging from USB port.
8. Please recharge jump start every 6 months to re-condition the Li-ion battery cells.
9. Recharge product in temperature ranges between 32°F to 113°F.
10. If product smokes when recharging, stop charging immediately and contact distributor.

SAFETY RULES

1. Read the entire manual before using this product. Failure to do so could result in serious injury or death.
2. Keep out of reach of children.
3. Use only recommended attachments. Use of an attachment not recommended or sold by the jump starter manufacturer may result in a risk of fire, electric shock or injury to persons or damage to property.
4. Do not put fingers or hands into any of the jump starter's outlets.
5. Do not expose the jump starter to rain or snow.
6. Use of an improper extension cord to charge the jump starter could result in a risk of fire and electric shock.

SAFETY RULES

Make sure:

- That the pins on the plug of the extension cord are the same number, size and shape as those of the plug on the jump starter.
 - That the extension cord is properly wired and in good electrical condition.
 - That the extension cord has a wire size of 18 gauge (AWG) or larger and is 50 feet or less.
7. To reduce the risk of electric shock, turn off and/or unplug the jump starter before attempting any maintenance or cleaning. Simply turning off the controls will not reduce this risk.
 8. Do not operate the jump starter if it has received a sharp impact, been dropped or otherwise damaged in any way; take it to a qualified service person.
 9. Do not disassemble the jump starter; take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.
 10. Working in the vicinity of a lead-acid battery is dangerous. Batteries generate explosive gases during normal battery operation. For this reason, it is of utmost importance that you follow the instructions each time you use the jump starter.
 11. 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.

BATTERY WARNING

**WARNING: RISK OF ELECTRIC SHOCK AND FIRE FROM EXPLOSIVE GASES.
TO REDUCE RISK OF SHOCK OR EXPLOSION:**

1. NEVER smoke or allow a spark or flame in the vicinity of a battery or engine.
2. Do not permit the internal battery of the jump starter to freeze. Never charge a frozen battery.
3. To prevent sparking, NEVER allow clips to touch together or contact the same piece of metal.
4. When charging the internal battery of the jump starter, work in a well ventilated area and do not restrict the ventilation in any way

SPECIAL NOTICE WHEN STARTING ENGINE

1. Please firmly connect the jumper cables to vehicle securely before starting.
2. Make sure the capacity is at minimum level of YELLOW LED indicator on the upper row of LED for effective jump start.
3. If engine doesn't start, check the clamp connection to the battery terminal.
4. Please recharge the product if upper row of LED indicator is showing RED LED only.
5. If engine cannot start after 5 attempts, other charging system issues should be investigated.
6. Please remove the jump start within 30 seconds of engine start.

OPERATION

To jump start vehicles,

1. Depress MAIN POWER button to power on the unit, green LED on lower row will turn on. (Depress button again to power off the unit.)
2. Depress TEST button to verify the jump start battery level, top row LED should turn on.
 - a. Green LED = Battery fully charged
 - b. Yellow LED = Battery half charged
 - c. Red LED = Recharge before use
3. Depress LED LIGHT button to turn on LED light (if needed). (Depress button again to turn off LED light.)
4. Depress Jump Start button to engage jump start mode. (Depress button again to disengage jump start mode.)
 - a. Clamp Positive (+) cable to positive battery post on vehicle.
 - b. Clamp Negative (-) cable to a metal grounding point on vehicle.
 - c. Green LED on bottom row indicates okay to proceed.
 - d. Red LED on bottom row indicates System Error, disconnect clamps from vehicle and check polarity of the clamps are on the correct battery posts on vehicle.
 - e. Yellow LED on bottom row indicates the unit is warming up to operating temperature. Wait until yellow LED goes off before attempting to jump start vehicle.

To use Memory Saver,

1. Remove Memory Saver from storage compartment.
2. Depress MAIN POWER button to power on the unit, green LED on lower row will turn on. (Depress button again to power off the unit.)
3. Depress TEST button to verify the jump start battery level, top row LED should turn on.
 - a. Green LED = Battery fully charged
 - b. Yellow LED = Battery half charged
 - c. Red LED = Recharge before use
4. Firmly insert USB end of the Memory Saver cable into USB port on the front panel. USB will automatically turn on.
5. Firmly insert OBDII dongle of the Memory Saver into OBDII port under dashboard of vehicle. Green LED indicator light should turn on.
6. Disconnect battery terminals and remove battery from vehicle. The Red LED indicator light should turn on. DO NOT disconnect OBDII cable or turn off jump start.
7. Install new battery into vehicle, re-connect battery terminals. Verify Red LED indicator on OBDII dongle has turned off, and only the Green LED is on before disconnecting OBDII dongle from vehicle.