

User Guide

SMARTTECH

SMARTER PRODUCTS THROUGH SMARTER TECHNOLOGIES

ILLUMINATE • POWER • JUMP

Model: GSK-6000

**Rechargeable Jump Starter / LED Flashlight /
Portable Power Bank**

PEAK CURRENT: 450 Amps

USB OUTPUT: 5V/2.1A

BATTERY CAPACITY: 6000mAh





DANGER



Please read and understand all important safety and operating instructions before using this charger. In addition, please read and follow all battery and vehicle manufacturer's instructions and cautionary markings. Failure to follow the instructions may result in ELECTRICAL SHOCK, EXPLOSION, or FIRE, which may result in SERIOUS INJURY, DEATH, DAMAGE TO DEVICE or PROPERTY. Do not discard this information.

This operating manual has been designed to instruct you on the correct use and operation of your 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 Precautions. They will help you to avoid potential hazards that may exist when working with this product.



RISK OF EXPLOSIVE GASES

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 CHARGER.

To reduce risk of battery explosion, follow these instructions and those published by battery manufacturer and manufacturer of any equipment intended to be used in vicinity of battery. Review cautionary marking on these products and on engine.

SAFETY INFORMATION

Please read this entire manual before using this product.

1. Avoid dangerous environments. Do not charge this item in rain, snow, damp or wet environments.
2. Do not use this item or charger in the presence of explosive atmospheres (gaseous fumes, dust or flammable materials) since sparks may be generated when attaching or removing this item, possibly causing fire.
3. Charge in a well-ventilated area. Do not allow smoking or open flames near a charging battery. Vented gases may explode.
4. Do not burn or incinerate this item. This item may explode, causing personal injury or damage. Toxic fumes and materials are created when batteries are burned.
5. Do not crush, drop or damage this item.
6. Do not use this item or a battery charger that has received a sharp blow, been dropped, run over or damaged in any way (e.g. pierced with a nail, hit with a hammer or stepped on).
7. **WARNING:** Do not disassemble. Disassembly may result in the risk of electric shock, fire or exposure to battery chemicals.
8. Battery chemicals cause serious burns. Never allow contact with skin, eyes or mouth. If this item leaks battery chemicals, use rubber or neoprene gloves to dispose of it. If skin is exposed to battery fluids, wash with soap and water and rinse with vinegar. If eyes are exposed to battery chemicals, immediately flush with water for 20 minutes and seek medical attention. Remove and dispose of contaminated clothing.
9. Do not short circuit. This item will short circuit if a metal object makes connection to the power cable port. Do not place this item near anything that may cause a short circuit, such as coins, keys or nails. A shortcircuited battery may cause fire and personal injury.
10. When jump starting your vehicle do not place Jump Starter on the ground or at a height less than 18 inches.
11. Never charge or jump start a frozen battery. Store this item and charger in a cool dry place.

SAFETY INFORMATION (continued)

12. Do not store this unit for more than 10 days where temperatures may exceed 120 Degrees F (50 Degrees C) such as direct sunlight, a vehicle, or metal building during the summer as it may cause damage to the unit.
13. This product is intended for private use only and should not be used in any commercial applications. Use of this product to start multiple vehicles over a short period of time may damage the jump starter/charger.
14. **WARNING:** Before attempting to start a vehicle, be sure the blue plug of the Smart Jumper Cables is firmly secured into the Smart Jumper Cable Input Socket and be sure that the battery clamps have a good connection with the proper battery terminals. Clean rusted or dirty terminals before attempting to jumpstart the vehicle.
15. **WARNING:** Remove the jump starter from the vehicle battery within 30 seconds of successfully restarting. To do so, remove the Smart Jumper Cables from the Jump Starter. Then remove the Smart Jumper Cables from the battery terminals.
16. **WARNING:** Only use the provided charging cords with this product
17. **WARNING:** Disposal of this Device. This device contains a non-replaceable Lithium Polymer battery. It is not user replaceable. Battery must be disposed of properly when it no longer holds a charge. This product should be recycled or disposed of as per state and local guidelines.
18. **WARNING:** This product is not a toy and is not intended for use by children.
19. **PROPOSITION 65 WARNING:** This Product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (California law requires this warning to be given to customers in the State of California). Wash hands after handling.

ABOUT THE GSK-6000

Features a 3-mode rechargeable LED flashlight with 6000mAh power bank with 450 peak Amp jump starter function. The jump starter features: Spark Proof Protection, Reverse Polarity Protection, Short Circuit Protection, Over Current Protection, Over Discharge Protection, Over Charge Protection, Self Discharging Protection and Over Heat Protection. This product can instantly jump start most single battery vehicles, up to 24+ (over 24) times on a full charge. This product is also equipped with a 5V/2A USB power output port to power/charge USB devices.

INCLUDED ACCESSORIES

USB Mini-charge Cable



Heavy-duty Jump Starter Cable



ABOUT THE GSK-6000

Jump Starter Socket
Cover (Closed)

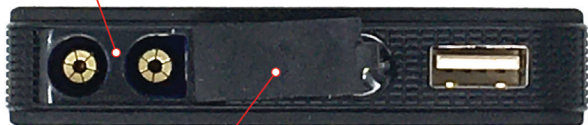


Jump Starter Socket

Mini USB Charging Port

3 Mode LED

USB Port



Jump Starter Socket
Cover (Open)



Power/Mode Button

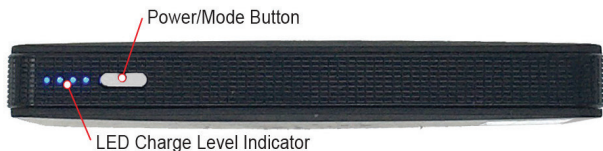
LED Charge Level Indicator

TECHNICAL SPECIFICATIONS

Battery Type	Lithium-ion Polymer
Battery Capacity	6000mAh Rechargeable
Peak Current	450A
Start Current	250A
Jump Start Gas Engine	Up to 3L
USB Output	5V/2.1A
LED Flashlight	200 Lumens Max. Brightness
Light Modes	3 - Bright/Strobe/SOS
Size	139 x 79 x 18mm
Operating Temperature	-22°F - +122°F
Charging Temperature	32°F - +104°F
Storage Temperature	-22°F - +122°F (For 3 months)

CHECKING THE BATTERY LEVEL

To check the battery level of the internal lithium battery press the Power/Mode Button. The blue battery power level indicators will show the internal battery level. See image below.

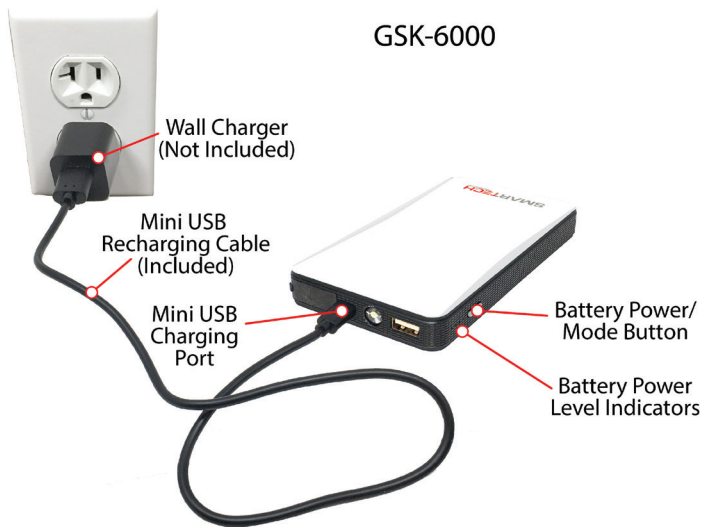


Indicator Lights	1 Flashing	All Flashing	1 Solid	2 Solid	3 Solid	4 Solid
Battery Capacity	0%	10%	25%	50%	75%	100%

CHARGING THE GSK-6000

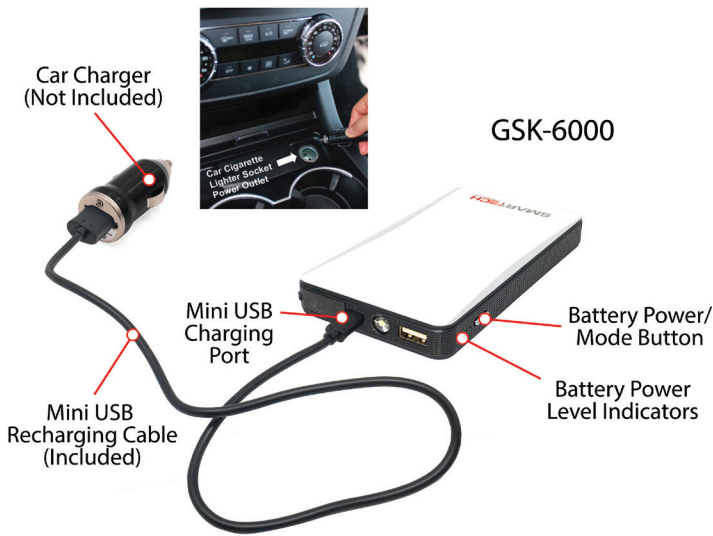
Option 1: Wall Charging

To charge the GSK-6000 internal battery, plug the Mini USB Charging Cable into the Mini USB Port on the front of the GSK-6000. Plug the other end of the cable into a USB wall charger adaptor. Plug the wall charger adaptor into a wall outlet. The 4 blue LED charging indicators will show the charging status of the GSK-6000. See image below:



Option 2: Car Charging

To charge the GSK-6000 from your car, plug the Mini USB Charging Cable into the Mini USB Port on the front of the GSK-6000. Plug the other end of the cable into a 12V to USB car adaptor. Plug the USB adaptor into the car cigarette lighter socket power outlet. The 4 blue LED charging indicators will show the charging status of the GSK-6000. See image below:



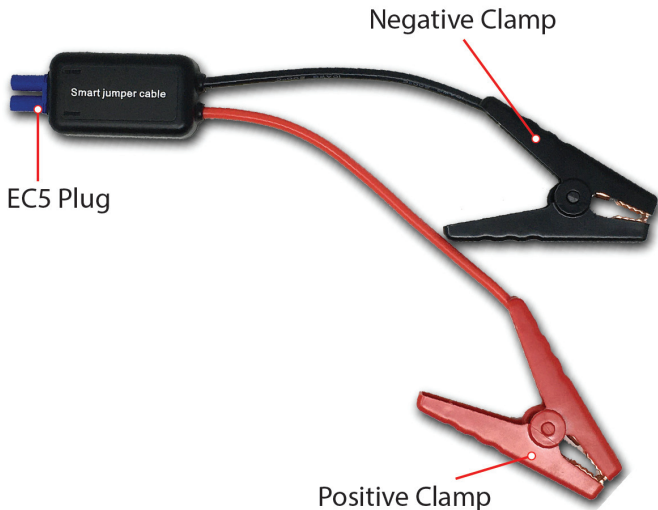
USING THE LED FLASHLIGHT

The GSK-6000 has 3 light modes.

1. Bright
2. Strobe
3. S.O.S

To turn on the flashlight, press the power button for 3 seconds. Press the power button repeatedly to cycle through the Bright/ Strobe/S.O.S./Off modes.

ABOUT THE SMART JUMPER CABLES



JUMP START YOUR VEHICLE USING THE GSK-6000

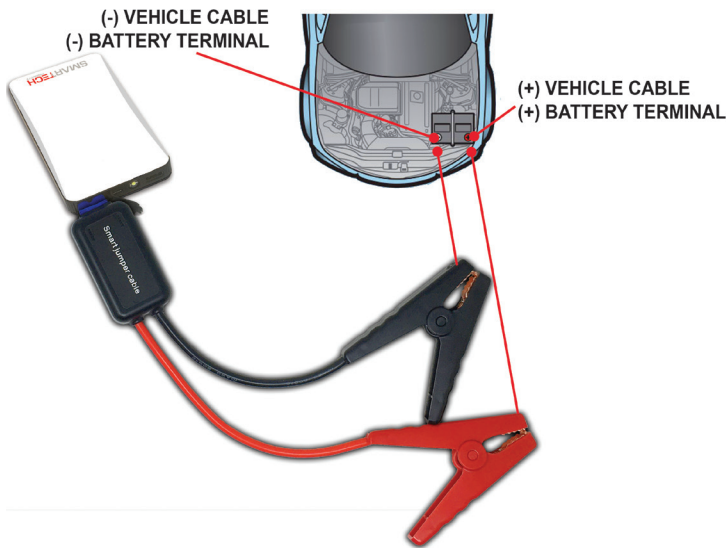
ATTACHING THE BATTERY CLAMPS

1. Identify the polarity of the battery posts. The positive battery terminal is typically marked by these letters or symbols (POS,P,+). The negative battery terminal is typically marked by these letters or symbols (NEG,N,-).
2. Do not make any connections to the carburetor, fuel lines, or thin metal parts.
3. Identify if you have a negative or positive grounded vehicle.
4. This can be done by identifying which battery post (NEG or POS) is connected to the chassis.
5. For a negative grounded vehicle (most common): connect the RED POSITIVE jumper clamp first to the positive battery terminal, then connect the BLACK NEGATIVE jumper clamp to the negative battery terminal or vehicle chassis.
6. For a positive grounded vehicle (very uncommon): connect the BLACK NEGATIVE jumper clamp first to the negative battery terminal, then connect the RED POSITIVE jumper clamp to the positive battery terminal or vehicle chassis.
7. When disconnecting, disconnect in the reverse sequence, removing the negative first (or positive first for positive ground systems).

JUMP STARTING PROCEDURE

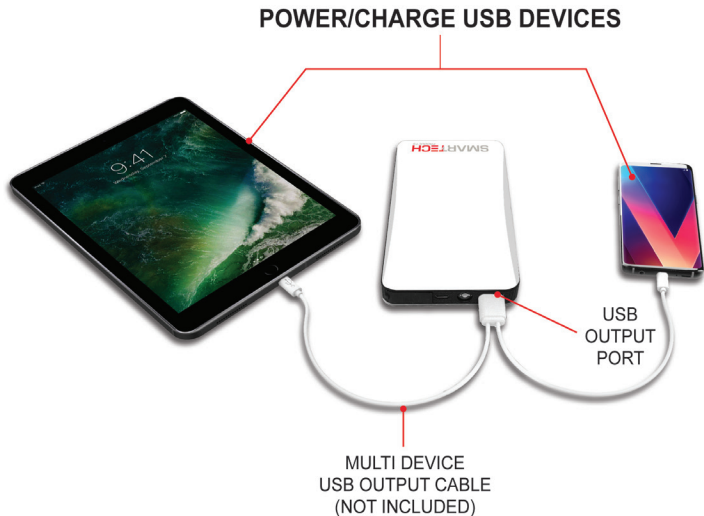
1. This unit is only for emergency use, not for frequent commercial use! The ENGINE START socket is ALWAYS activated! Do not attempt to jumpstart your vehicle when the GSK-6000 Power Bank battery capacity is below 30%.
2. Turn off the vehicle ignition and all accessories (radios, lights, air conditioners, etc.), and disconnect electronic devices.
3. Connect the jumper clamps to the correct polarity battery terminals.

4. Connect the EC5 plug of jumper cables to the jump starter socket of the GSK-6000.
5. Try starting the vehicle (turn on the ignition switch). Most vehicles will immediately start. Stop if the vehicle does not start after 5 seconds of engine cranking. The jumpstart feature is designed for short term operation only, and more than 5 seconds may cause damage to the unit. Allow the GSK-6000 to cool down for at least 3 minutes after each jumpstarting.
6. Disconnect the cable from the GSK-6000 immediately after engine starts, and then remove from battery terminals.



POWER / CHARGE USB DEVICES

To power or charge your USB devices, connect the USB device to the USB port on the front of the GSK-6000. The number of times you can recharge a USB device will vary between devices. See image below.



WARNING: When servicing use only identical replacement parts. Use of any other parts can create a hazard or cause product damage.

WARNING: Always wear eye protection with side shields marked to comply with ANSI Z87.1. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.

GENERAL MAINTENANCE: Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents. Use clean cloths to remove dirt, dust, oil, grease, etc.

WARNING: Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc, come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which can result in serious personal injury.

CALIFORNIA PROPOSITION 65

WARNING: This product and some dust created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling. Some examples of these chemicals are:

- Lead from lead-based paints
- Crystalline silica from bricks and cement and other masonry products
- Arsenic and chromium from chemically treated lumber.

Your risk from exposure to these chemicals varies, depending on how often you do this type of work. To reduce your exposure, work

in a well-ventilated area and with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

SMARTECH INC. LIMITED WARRANTY

Repair/Replacement Warranty

Smartech Inc. warrants to the original purchaser that the mechanical and electrical components will be free of defects in material and workmanship for a period of one (1) year from the original date of purchase. This product is intended for household use only. Transportation charges on product submitted for repair or replacement under this warranty are the sole responsibility of the purchaser. This workmanship for a period of warranty only applies to the original purchaser and is not transferable. Do not return the unit to the place of purchase. Contact Smartech Inc. Customer Service and Smartech Inc. will troubleshoot any issue via phone or e-mail. If the problem is not corrected by this method, Smartech Inc. will, at its option, authorize evaluation, repair or replacement of the defective part or component at a Smartech Inc. Service Center. Repairs or replacements without prior authorization, or at an unauthorized repair facility, will not be covered.

Warranty Exclusions

This warranty does not cover the following repairs and equipment:

Normal Wear

This warranty does not cover repair when normal use has exhausted the life of a part or the equipment as a whole.

SMARTTECH INC. LIMITED WARRANTY (continued)

Installation and Use

This warranty will not apply to parts and/or labor if this product is deemed to have been misused, neglected, involved in an accident, abused, modified, installed improperly or connected incorrectly to any electrical component.

Other Exclusions

This warranty excludes:

- Merchandise sold as reconditioned, used as rental equipment or floor/display models sold without packaging and/or missing parts or components.
- Repair and transportation costs of merchandise determined not to be defective.
- Cosmetic defects such as paint, decals, etc.
- Failures due to acts of God and other forces of nature beyond the manufacturer's control.
- Problems caused by parts that are not original parts.

Limits of Implied Warranty and Consequential Damage

Smartech Inc. disclaims any obligation to cover any loss of time, use of this product, freight, or any incidental or consequential claim by anyone from using this product. **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

SMARTTECH INC. LIMITED WARRANTY (continued)

A unit provided as an exchange will be subject to the warranty of the original unit. The length of the warranty governing the exchanged unit will remain calculated by reference to the purchase date of the original unit. This warranty gives you certain legal rights which may change from state to state. Your state may also have other rights you may be entitled to that are not listed within this warranty. Some states do not allow the exclusion, so it may not apply to you.

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