

User Guide

Guía del usuario

SMARTTECH[®]
PRODUCTS

SMARTER PRODUCTS THROUGH SMARTER TECHNOLOGIES

Jump • Charge • Power

Jump Starter / Power Bank

Model/Modelo: JS-15000N

CRANKING CURRENT: 400 Amps

PEAK CURRENT: 800 Amps

OUTPUT: 2x5V/2.4A, 12V/10A, 19V/3.5A

BATTERY CAPACITY: 15000mAh/55.5Wh



FULLY CHARGE IMMEDIATELY AFTER PURCHASE.

Fully recharge after each jumpstarting, or every 3 months to ensure long battery life.

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.

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.

Published by:
Smartech Products, Inc.
8700 Larkin Rd.
Savage, MD 20763
(888) 288.5148
www.smartechproduct.com

Copyright © 2018 by Smartech Products, Inc.

Reproductions of this work, in whole or in part, without written permission of the publisher are strictly prohibited.

The publisher does not assume and hereby disclaims any liability to any party for any loss or damage caused by any error or omission in this manual, whether such error results from negligence, accident, or any other cause.



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 PRECAUTIONS FOR WORKING IN THE VICINITY OF LEAD ACID BATTERIES

- 1) Use this product for jumpstarting 12V LEAD-ACID batteries only. Do not attempt to jump-start a vehicle with a non-rechargeable or defective battery.
- 2) Working in vicinity of a lead-acid battery is dangerous. Batteries generate explosive gases during normal operation. Use in a well

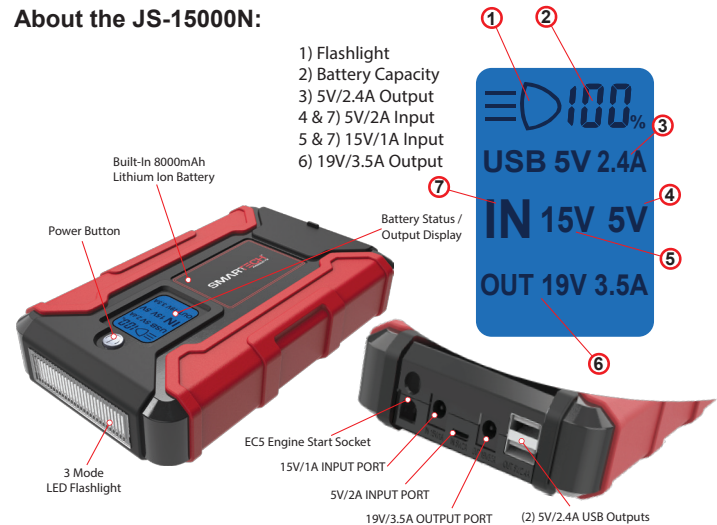
ventilated area. Battery acid can cause permanent blindness. Avoid touching eyes while working near battery.

- 3) Do not smoke, strike a match, or cause a spark in vicinity of battery or engine. Avoid explosive gas, flames and sparks.
- 4) Remove all personal jewelry, such as rings, bracelets, necklaces, and watches before jumpstarting operations. These items may produce a short-circuit that can cause severe burns.
- 5) To avoid damage to the vehicle's electrical system, do not use this product on a vehicle that does not have a battery installed.
- 6) Use of an accessory not recommended or sold by the manufacturer may result in a risk of fire, electric shock or injury to persons. Do not operate with damaged accessory(s).
- 7) Locate the product as far away from battery as jumper cables permit.
- 8) Do not expose to rain or wet conditions.
- 9) To reduce the risk of damage to electric plug and cord, pull by the plug rather than the cord when disconnecting.
- 10) Operate with caution if the jump starter has received direct hit of force or been dropped. Have it checked and repaired if damaged.
- 11) Any repair must be carried out by the manufacturer or an authorized repair agent in order to avoid danger.
- 12) Pursuant to California Proposition 65, this item contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

FEATURES ABOUT THIS PRODUCT

Features Built-In Protection: 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 70+ (over 70) times on a full charge. This product is also equipped with USB power output, LED flashlight, 12VDC power output and a 19V output for laptops.

About the JS-15000N:



About the Smart Jumper Clamps:



Technical Specification:

Battery Type	Lithium-ion Polymer
Battery Capacity	15000mAh
Starting Current	400A
Peak Current	800A
Jump Start	Up to 6.0L Gas Engine, 5.0L Diesel Engine
USB Output	5V/2.4A, 5V/2.4A
LED Flashlight	2W
12V Output	10A Max
19V Output	19V/3.5A for Laptops
Operating Temperature	-22°F - +122°F
Charging Temperature	32°F - +104°F
Storage Temperature	-4°F - +95°F (For 3 months)

LED and Buzzer Communication:

	Red LED	Green LED	Buzzer Sound	Condition
1	On	Off	One sound	Jumper cables and jump starter are connected.
2	Off	On	One sound	Jumper cable and vehicle battery are connected. Ready to start the engine.
3	Slow flash	Off	No buzzer	Lithium battery voltage in jump starter is low.
4	Slow flash	Off	No buzzer	Have not turned on the ignition switch within the regulated time. To resolve this, you need remove clamps from vehicle battery, and connect again when No.1 condition occurs.
5	Fast flash	Off	Fast buzzer	Red and black clamps are connected with each other.
6	Fast flash	Off	Fast buzzer	Reverse connection of clamps.
7	Off	Fast flash	No buzzer	Engine is started.
8	Off	Fast flash	No buzzer	Vehicle's battery voltage is higher than Jump Starter's.

CONNECTING TO THE BATTERY

- 1) Identify polarity of battery posts. The positive battery terminal is typically marked by these letters or symbol (POS,P,+). The negative battery terminal is typically marked by these letters or symbol (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. This can be done by identifying which battery post (NEG or POS) is connected to the chassis.
- 4) 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
- 5) 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
- 6) When disconnecting, disconnect in the reverse sequence, removing the negative first (or positive first for positive ground systems).

JUMP STARTING

- 1) This unit is only for emergency use, not for frequent commercial use! ENGINE START socket is ALWAYS activated! Do not attempt to jumpstart your vehicle when the jump starter battery capacity is below 30% (observe battery status indicator on the unit).
- 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 ENGINE START socket of jump starter.
- 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 jump starter to cool down for at least 3 minutes after each jumpstarting.

- 6) Disconnect the cable from the jump starter immediately after engine starts, and then remove from battery terminals.

“BOOST” Mandatory Operations:

- 1) If with correct connection between Jump Starter and vehicle battery (Red LED keeps on and green LED is off), press and hold BOOST button for three (3) seconds (after a buzzer sound, the green LED is on and red LED is off). Usually this is because the vehicle battery capacity is rather low.
- 2) Start the engine (same method as the normal operations in Page 7).

Cautions:

- 1) Under normal circumstances, do not use the mandatory operations.
- 2) The spark proof, reverse polarity protection and short circuit protection features are disabled after Boost button is pressed. Pay very close attention to the polarity of the battery before using this mode. Do not allow the positive and negative battery clamps to touch or connect to each other as the item will generate sparks and high heat if not used properly.

CHARGING

This product is partially charged from the manufacturer. Fully charge the unit immediately after purchase. In order to prolong the product life, be sure to fully recharge the unit after each jumpstarting, or every 3 months even if this unit has not been used. If battery voltage in the jump starter is too low, this item will shut off to prevent damage to itself. Recharge the unit as soon as possible to be activated and fully charge it to ensure long battery life. In addition, we recommend not to charge and discharge the unit at the same time.

AC Charging:

- 1) Insert AC charging adapter into charging jack of the unit.
- 2) Plug the other end of AC charging adapter into a wall socket.

- 3) Fully charge the unit.
- 4) When charging is complete, unplug the AC charging adapter from the wall socket first, then from the charging jack on the jump starter.

DC Charging in Your Vehicle:

- 1) Turn the vehicle engine on.
- 2) Insert the DC charging adapter into the charging jack of the unit.
- 3) Plug the other end of DC charging adapter into vehicle's cigarette lighter socket.
- 4) Fully charge the unit. Engine must keep running during entire charge.
- 5) When charging is completed, unplug the DC charging adapter from the vehicle first, then from the charging jack on the jump starter.

USB Charging:

This product has a USB cable that can also be used to recharge the jump starter.

Charging Time:

LCD will show "100%" as fully charged. Charging time will differ based on the discharge level and the power source used. If charging begins from 5% to full charge, it approximately takes approximately 7 hours for AC charging

USB POWER

Connect the USB device to the jump starter with either the original cable or the included multi-tip cable (better use original cable of Apple® for Apple® products). Press Power button to start USB power. When disconnected, the jump starter will automatically shut off. The number of times you can recharge a USB device will vary between devices.

FLASHLIGHT

Press and hold Power button for 3 seconds to start flashlight. Press once to switch lighting modes: Steady On – Strobe – SOS – Off.

SUPPLY TO 12V DEVICES

The jump starter can run/charge 12VDC appliances that draw 10 amps or less.

Two options as follows:

- 1) Connect the jump starter to 12V devices with the optional accessory (This item does not include the accessory). Press Power button to start 12V power. When disconnected, the jump starter will automatically shut off.
- 2) Connect the jump starter to 12V devices by the included accessory. You do not need to press the Power button as the EC5 12VDC output is ALWAYS activated. When the battery voltage of the jump starter is too low, 12V devices will stop running/charging.

SUPPLY TO 19V DEVICES

Select the appropriate input tip and connect the jump starter with your laptop. Press the Power button to start 19V/3.5A power. When disconnected, the jump starter will automatically shut off. The number of times you can recharge a laptop will vary between devices.

LIMITED WARRANTY

Effective April 15, 2017. Replaces all undated warranties and all warranties dated before April 15, 2017

w

Repair/Replacement Warranty

Smartech Products 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 Products' Customer Service and Smartech Products will troubleshoot any issue via phone or e-mail. If the problem is not corrected by this method, Smartech Products will, at its option, authorize evaluation,

repair or replacement of the defective part or component at a Smartech Products' Service Center. Smartech Products will provide you with a case number for warranty service. Please keep it for future reference. 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

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 Products 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.

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.

Contact us at:

Smartech Products Inc.

8700 Larkin Rd.

Savage, MD 20763

(888) 288-5148

www.smartechproduct.com

service@smartechproduct.com

