Shark

Lithium Jump Starter & Portable Power Supply

PROFESSIONAL ACCESSORIES

User Guide

MODEL: 800-EPS-400
CAPACITY: 12000mAh

FULLY CHARGE IMMEDIATELY AFTER PURCHASE.
Fully recharge after each jump starting, or every 3 months to ensure long battery life.

Please read and understand all important safety and operating instructions before using this item. In addition, please read and follow all vehicle and battery manufacturers' instructions and cautionary markings.

What's In The Box.
• 800-EPS-400 Lithium Jump Starter & Portable Power Supply
• Smart Jumper Clamps
• USB Cable
• Charging adpter 230V
• User Guide

IMPORTANT SAFETY INSTRUCTIONS

1) Use the 800-EPS-400 for jumpstarting a 12V LEAD-ACID battery 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 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 the 800-EPS-400 on a vehicle that has no 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 800-EPS-400 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.

ABOUT 800-EPS-400   12000 mAh

It features low voltage protection (for 800-EPS-400 itself), spark proof, reverse polarity protection and short circuit protection. This item can instantly jump start most single battery vehicles, up to 45+ (over 45) times on a fully charge. The 800-EPS-400 is also equipped with USB power output, and LED flashlight.

Technical Specification:

| Battery Type	Lithium-ion Polymer
Battery Capacity	12000 mAh
Starting Current	250A
Peak Current	500A
Jump Start	up to 4.0L Gas Engine
USB Output	2x 5V/2A
LED Flashlight	1W
Operating Temperature	-30℃ ~ +50℃
Charging Temperature	0℃ ~ +40℃
Storage Temperature	-20℃ ~ +35℃ (for 3 months)

Product Layout:

LCD DISPLAY

1. 15V/1A input
2. 5V/2.4A output
3. Light steady on
4. Light FLASH
5. 5V/2.4A output
6. Light SOS
7. Battery capacity
8. 12V output
9. 19V output
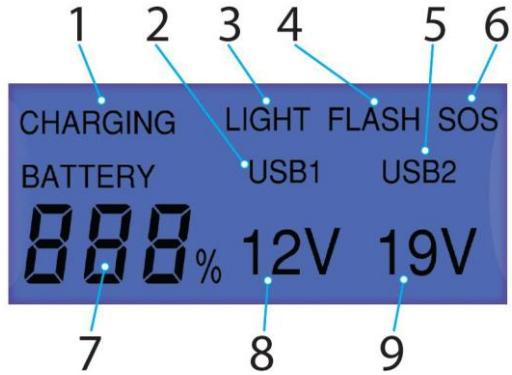
ABOUT SMART JUMPER CLAMPS
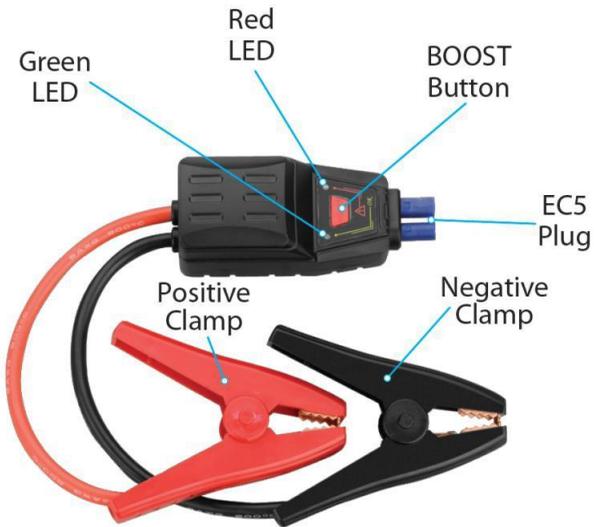
"BOOST" Mandatory Operations:

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 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 6).

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.

LED and Buzzer Communication:

No.	Red LED	Green LED	Buzzer Sound	Condition
1	On	Off	One sound	Jumper cable and EPS-400 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 EPS-400 is rather 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 NEGATIV jumper clamp to the negative battery terminal or vehicle chassis.

5) For a positive grounded vehicle (very uncommon): connect the BLACK NEGATIV 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 800-EPS-400 battery capacity is below 20% (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 EPS-400.

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 800-EPS-400 immediately after engine starts, and then remove from battery terminals.
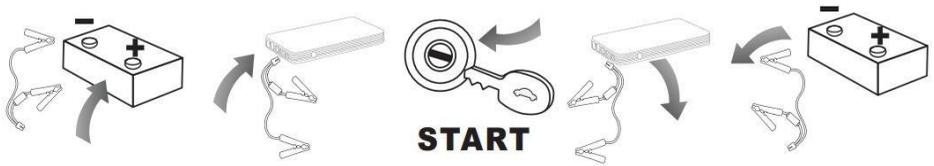
CHARGING

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 jumpstaring, or every 3 months even if this unit has not been used. If battery voltage in the 800-EPS-400 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 800-EPS-400.

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 5 hours for AC charging.

USB POWER

Connect the USB device to the 800-EPS-400 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, and press Power button to quit. When disconnected, the EPS-400 will automatically shut off. The number of times you can recharge a USB device will vary between devices.

FLASHLIGHT

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

WARRANTY

1) This product is warranted to the original purchaser for a period of one (1) year from the original shipping date, to be free of defects in material and workmanship.

2) Warranty Performance: During the above one (1) year warranty period, a product with a defect will be replaced with a new one when the product is returned to the manufacturer. The replacement item will be in warranty for the balance of the original one (1) year warranty period.

3) 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.