



1200A LITHIUM JUMP STARTER & USB POWER BANK

INSTRUCTION MANUAL



SAVE THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE.

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This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This unit has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This unit generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If it does cause harmful interference to radio or television reception, which can be determined by turning the unit off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between unit and receiver.
- Connect the unit into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not approved by the party responsible for compliance could void user's authority to operate the unit.

SAFETY GUIDELINES / DEFINITIONS

- ▲ DANGER:** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
- ▲ WARNING:** Indicates a potentially hazardous situation which, if not avoided, may result in death or serious injury.
- ▲ CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
- ▲ Used without the word, indicates a safety related message.**
- NOTICE:** Indicates a practice not related to personal injury which, if not avoided, may result in property damage.
- RISK OF UNSAFE OPERATION:** When using tools or equipment, basic safety precautions should always be followed to reduce the risk of personal injury. Improper operation, maintenance or modification of tools or equipment could result in serious injury and property damage. There are certain applications for which tools and equipment are designed. Manufacturer strongly recommends that this product NOT be modified and/or used for any application other than for which it was designed. Read and understand all warnings and operating instructions before using any tool or equipment.

READ ALL INSTRUCTIONS

▲ WARNING – Read and understand this instruction manual before using this unit. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

IMPORTANT SAFETY INSTRUCTIONS

▲ WARNING – Failure to follow the following warnings and instructions may result in electric shock, fire and/or serious injury.

GENERAL SAFETY WARNINGS AND INSTRUCTIONS

- This unit was designed for household use only.
- ▲ WARNING –** When using electrical appliances, basic precautions should always be followed, including the following:
 - The Jump Starter and supplied Charging Cable are not toys and cannot be played with as toys. To reduce the risk of injury, close supervision is necessary when these units are used near children.
 - Use only attachments recommended or sold by the manufacturer.
- ▲ WARNING –** To reduce the risk of electric shock:
 - The Smart Cables Controller and Smart Cables Port are always "live"! NEVER insert fingers into the sockets or attempt to disassemble the unit.
 - Do not put the unit in water or other liquid. Do not place or store this unit where it can fall or be pulled into water. Do not expose it to rain, snow or use when wet.
 - Charge indoors only.
 - Use only the USB Charging Cable supplied by the manufacturer to recharge.
- ▲ WARNING – RISK OF FIRE, ELECTRIC SHOCK, BURST HAZARD, OR INJURY TO PERSONS OR PROPERTY:**
 - Avoid dangerous environments. Don't use the unit in damp or wet locations. Don't use the unit in the rain.
 - Keep children away. All visitors should be kept at a distance from work area.
 - Dress properly. Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and substantial, non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
 - Store idle unit indoors. When not in use, unit should be stored indoors in a dry and high or locked-up place – out of reach of children.
 - Don't abuse cord. Never carry unit by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
 - Disconnect unit. Disconnect the unit from the power supply when not in use and when changing accessories.
 - Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuits or outlets to be used. Receptacles are available having built in GFCI protection and may be used for this measure of safety.
 - Use of accessories and attachments. The use of any accessory or attachment not recommended for use with this unit could be hazardous. Refer to the accessory section of this manual for further details.
 - Stay alert. Use common sense. Do not operate this unit when you are tired or impaired.
 - Check for damaged parts. Do not use this unit if damaged in any way.
 - Do not operate this unit near flammable liquids or in gaseous or explosive atmospheres. Motors in these units normally spark, and the sparks might ignite fumes.
 - Never submerge this unit in water; do not expose it to rain, snow or use when wet.
 - To reduce risk of electric shock, disconnect the unit from any power source before cleaning. Turning off controls without disconnecting will not reduce this risk.
 - This unit employs parts (switches, relays, etc.) that produce arcs or sparks. Therefore, if used in a garage or enclosed area, the unit MUST be placed not less than 18 inches above the floor.
 - Do not insert foreign objects into the USB Ports.

SPECIFIC SAFETY INSTRUCTIONS FOR LITHIUM BATTERIES

- ▲ WARNING –** To reduce the risk of fire, electric shock, burst hazard, or injury to persons or property: Lithium batteries are small, compact and ideal for providing long-lasting power to this unit. However, they must be used and charged properly. Improper use can result in serious injury, fire, or death.
- Lithium batteries can explode in the presence of a source of ignition. Do not use the product in the presence of an open flame.
- Do not place this lithium battery powered unit in fire or apply heat to it.
- Do not subject this lithium battery powered unit to strong impacts or shocks. The battery in this unit contains safety and protection devices which, if damaged, may cause the battery to generate heat, rupture or ignite.
- Do not expose this lithium battery powered unit to water or salt water, or allow the battery to get wet.
- Avoid storing this lithium battery powered unit in the basement, bathroom or other areas of the house that are or may become wet or humid or where moisture may concentrate.
- Do not leave this lithium battery powered unit in direct sunlight, or use or store the unit inside cars in hot weather. Doing so may cause the battery to generate heat, rupture, or ignite. Using the battery in this manner may also result in a loss of performance and a shortened life expectancy.
- Never charge this unit near heat or flammable objects.
- NEVER THROW WATER ON A BURNING LITHIUM BATTERY! If a lithium battery does catch on fire, it will burn even more violently if it comes in contact with water or even moisture in the air. A fire extinguisher must be used.**

Battery Charging and Capacity

This unit is delivered in a partially charged state – you must fully charge it before using it for the first time.

When stored at room temperature with a full charge, lithium batteries will begin to discharge from the time they are manufactured, even when unused. Deep discharges also decrease their capacity. Battery life can be extended by the following:

- Charge battery to full capacity before storage.
- Store this unit at temperatures between 5°C and 20°C (41°F and 68°F).
- Never discharge the battery fully.
- Charge after each use.
- Always charge at least once every 3-6 months if not in frequent use to prevent overdischarge.

Transportation of Lithium Batteries

- Always check all applicable local, national, and international regulations before transporting a unit containing a lithium battery.
- Transporting an end-of-life, damaged, or recalled battery may, in certain cases, be specifically limited or prohibited.

Extension Cords

- ▲ WARNING –** Use of improper extension cord could result in a risk of fire and electric shock. When using an extension cord, make sure that the pins of the extension cord are the same number, size and shape as those in the charger, and be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The following table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

MINIMUM GAUGE FOR CORD SETS					
Volts		Total Length of Cord in Feet (meters)			
120V		0-25 (0-7.6m)	26-50 (7.6-15.2m)	51-100 (15.2-30.4m)	101-150 (30.4-45.7m)
240V		0-50 (0-15.2m)	51-100 (15.2-30.4m)	101-200 (30.4-60.9m)	201-300 (60.9-91.4m)
Ampere Rating		Extension Cord Length			
More Than	Not more Than	0'-25'	26'-50'	51'-100'	101'-150'
6-15	16	American Wire Gauge (AWG)	6	16	14
6-	10	18	16	14	12
10-	12	16	16	14	12
12-	16	14	12	Not Recommended	

When an extension cord is used, make sure that:

- the pins of extension cord are the same number, size and shape as those in the charger,
- the extension cord is properly wired and in good electrical condition,
- the wire size is large enough for the AC rating of the charger.

- ▲ CAUTION –** To reduce the risk of injury or property damage: Pull the extension cord by the plug rather than the cord when disconnecting from the 120V AC Charging Port or the AC outlet.

SPECIFIC SAFETY INSTRUCTIONS FOR JUMP STARTERS

- ▲ WARNING – Burst hazard**
 - Do not use the unit for charging dry-cell batteries that are commonly used with home appliances. These batteries may burst and cause injury to persons and damage property. Use the unit for charging/boosting a lead-acid battery only. It is not intended to supply power to a low-voltage electrical system other than it's a starter-motor application.
 - Use of an attachment not supplied, recommended or sold by manufacturer specifically for use with this unit may result in a risk of electrical shock and injury to persons.
- ▲ WARNING – 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 the utmost importance that each time before using the Jump Starter you read this manual and follow instructions exactly.
 - To reduce the risk of battery explosion, follow these instructions and those published by the battery manufacturer and manufacturer of any equipment you intend to use in the vicinity of the battery. Review cautionary markings on these products and on the engine.
- ▲ WARNING –** Battery fluid is a diluted sulfuric acid and may cause personal injury or damage to property. In case of skin or eye contact, follow the instructions listed in the "PERSONAL SAFETY" section of this instruction manual.
- ▲ CAUTION –** To reduce the risk of injury or property damage:
 - NEVER ATTEMPT TO JUMP-START OR CHARGE A FROZEN BATTERY.**
 - Do not operate unit with damaged cord or plug; or if the unit has received a sharp blow, been dropped, or otherwise damaged in any way. Do not disassemble the unit; opening the unit may result in a risk of electric shock or fire, and will void warranty.
 - Make sure the cord is located so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.
 - Do not leave the unit unattended while in use.
 - Pull by the plug rather than the cord when disconnecting the USB Charging Cable.
 - Vehicles that have on-board computerized systems may be damaged if vehicle battery is jump-started. Before jump-starting, read the vehicle's owner's manual to confirm that external-starting assistance is suitable.
 - This system is designed to be used only on vehicles with a 12 volt DC lead-acid battery system. Do not connect to a 6 volt or 24 volt battery system.
 - Excessive engine cranking can damage the vehicle's starter motor. If the engine fails to start after the recommended number of attempts, discontinue jump-start procedure and look for other problems that need to be corrected.
 - Do not use this battery booster on a watercraft. It is not qualified for marine applications.
 - Never allow battery acid to come in contact with this unit.
 - Do not operate this unit in a closed area or restrict ventilation in any way.

INSTRUCTIONS PERTAINING TO THE USB PORTS

- IMPORTANT –** Some household USB-powered electronics will not operate with the USB Ports provided with this unit and its Charging Adapter. Check the manual of the corresponding electronic devices (including phones, tablets, etc.) to confirm that they can be used with one of these USB Ports and which USB Port to use (Type A or Type C).
- The USB Ports do not support data communication. They only provide power to an external USB powered device, as follows:
 - 5V DC/15W maximum using the Type A and Type C USB ports on the unit;
 - 5V DC/2A using the USB Port on the AC/USB Charging Adapter.
- Make sure the rating of equipment plugged into the USB Port does not exceed the maximum rating stated.
- Do not attach USB hubs allowing connection of multiple personal electronic devices to any of the USB Ports or the Charging Adapter.
- Do not insert foreign objects into any of the USB Ports.

PERSONAL SAFETY

- When working with lead acid batteries, always make sure immediate assistance is available in case of accident or emergency.
- Always have protective eyewear when using this product: contact with battery acid may cause blindness and/or severe burns. Be aware of first aid procedures in case of accidental contact with battery acid.
- Have plenty of fresh water and soap nearby in case battery acid contacts skin.
- Remove personal metal items such as rings, bracelets, necklaces and watches when working with a lead acid battery. A lead acid battery can produce a short circuit current high enough to weld a ring, or similar metal object, to skin causing a severe burn.
- Stay clear of fan blades, belts, pulleys, and other parts that can cause injury to persons.
- Be extra cautious to avoid dropping a metal tool onto the battery. It might spark or short-circuit the battery or another electrical part, and that may cause an explosion.
- Never smoke or allow a spark or flame in vicinity of vehicle battery, engine or Jump Starter.
- SKIN:** If battery acid contacts skin or clothing, wash immediately with soap and water for at least 10 minutes. If redness, pain, or irritation occurs, seek immediate medical attention.
- EYES:** If battery acid comes in contact with eyes, flush eyes immediately, for a minimum of 15 minutes and seek immediate medical attention.

SAVE THESE INSTRUCTIONS

- ▲ WARNING –** To reduce the risk of injury: Follow these instructions and those published by the battery manufacturer and manufacturer of any equipment you intend to use with this unit. Review cautionary markings on these products and on engine.

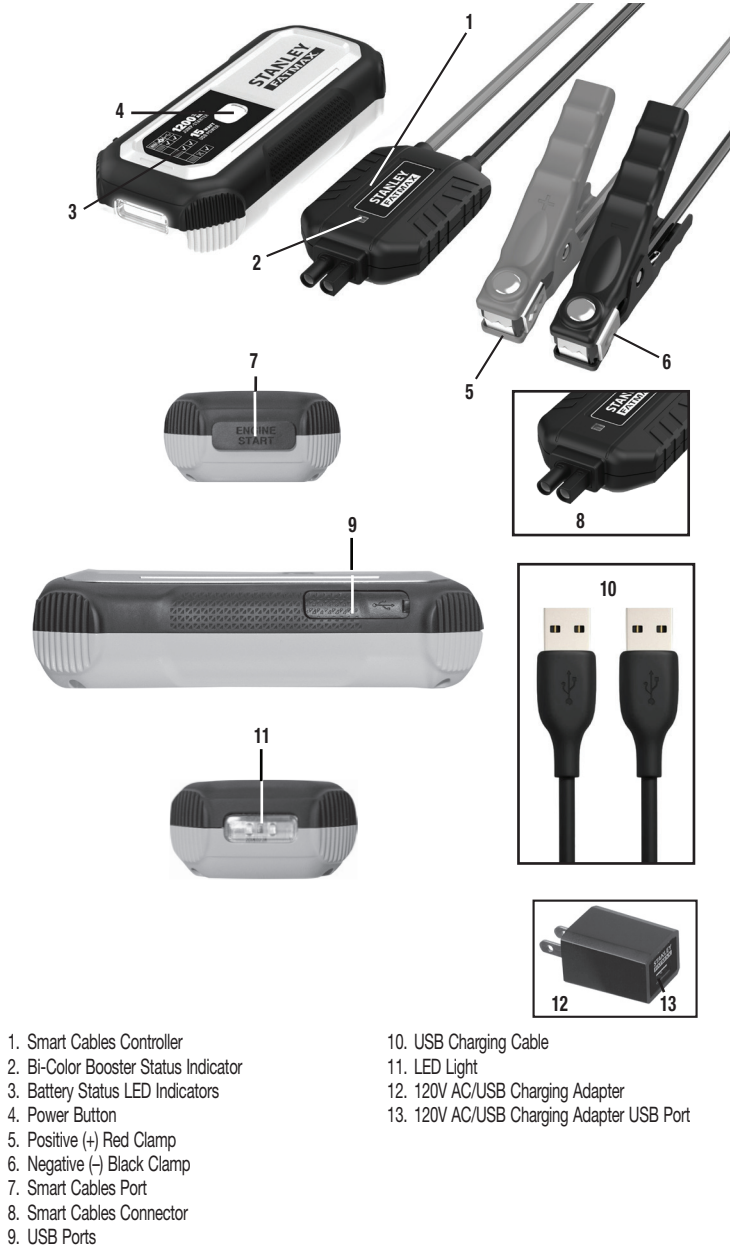
INTRODUCTION

Congratulations on purchasing your new Lithium Jump Starter / Power Bank. Read this Instruction Manual and follow the instructions carefully before using this unit.

IMPORTANT NOTES:

- Several factors can affect a Jump Starter's ability to boost a vehicle's battery, including, but not limited to the size of the battery, the temperature (hot or cold), whether the battery is damaged or defective, and whether the Jump Starter itself is fully charged.
- The Jump Starter requires a minimum voltage to detect the correct connection before it will begin to boost. If the vehicle battery voltage is below approximately 2 volts, it may not be able to detect connection and may not be able to start the vehicle. While this low battery voltage is rare it may occur under extreme conditions.

FEATURES



1. Smart Cables Controller
2. Bi-Color Booster Status Indicator
3. Battery Status LED Indicators
4. Power Button
5. Positive (+) Red Clamp
6. Negative (-) Black Clamp
7. Smart Cables Port
8. Smart Cables Connector
9. USB Ports
10. USB Charging Cable
11. LED Light
12. 120V AC/USB Charging Adapter
13. 120V AC/USB Charging Adapter USB Port

VIEWING BATTERY STATUS

- The Battery Status LED Indicators indicate the battery charge level as follows:
 - If the battery charge level is at full capacity, all three Battery Status LED Indicators light.
 - If the battery is at partially charged, two Battery Status LED Indicators light.
 - If the battery is nearly empty, only one Battery Status LED Indicator lights. The unit should be charged at this time.
 - If the battery is completely empty, only one Battery Status LED Indicator flashes for a short period of time. The unit MUST be charged at this time or the unit's built-in low voltage protection will activate and the unit will automatically shut down.

CHARGING / RECHARGING

This unit is shipped in a partially charged state. Fully charge the unit after purchase, before first use, and after each subsequent use.

IMPORTANT:

1. When the unit is not in use, we recommend that the battery is charged at least every 3 to 6 months.
 2. Recharging the battery after each use will prolong battery life; frequent heavy discharges between recharges and/or overcharging will reduce battery life.
 3. Make sure all other unit functions are turned off during recharging, as this can slow the recharging process.
 - ▲ NOTICE –** TO AVOID THE RISK OF PROPERTY DAMAGE: Failure to keep the battery charged will cause permanent damage and result in poor performance.
- NOTES:**
- When the USB-A Port is in use in the charging process, the USB-C Port will have no output. Pressing the Power Button during the charging process will only control the LED Light.
 - When the unit battery is fully charged, the charging process will terminate and the unit will automatically shut down.
 - 2A USB is required in order to recharge the unit (2A AC Adapter included).
 - During the charging process, the unit will stop charging if the battery of the unit is overheated (due to extensive use or recharging) or too cold (the ambient temperature has dropped below 0°C). In this case, the Battery Status LED Indicator(s) light solid. The charging process will automatically resume after a cool down or warm up period.

CHARGING/RECHARGING USING THE 120 VOLT AC/USB CHARGING ADAPTER

- IMPORTANT:** Always connect the 120V AC/USB Charging Adapter to the 120 Volt AC power source (using the USB Charging Cable) BEFORE connecting it to the unit.
- 1. Make sure the unit is turned off (the Battery Status LED Indicators are not lit).
- 2. Insert the one end of the USB Charging Cable into the 120V AC/USB Charging Adapter.
- 3. Insert the 120V AC/USB Charging Adapter into a standard 120 volt AC wall outlet or a functioning 120 volt AC power source.
- 4. Lift up the protective cover of the USB Ports. Insert the other end of the USB Charging Cable into the unit's USB-A Port.

5. The blue Battery Status LED Indicators will gradually light up (from bottom to top) to indicate the unit is charging.
6. Charge for approximately 6 hours or until the unit automatically shuts down.
7. Unplug the 120V AC/USB Charging Adapter from the 120 volt AC power source, then disconnect the USB Charging Cable from the 120V AC/USB Charging Adapter and then from the unit.
8. Press the Power Button to turn the unit on. When all three blue Battery Status LED Indicators light, the unit battery is fully charged.
9. Store the 120V AC/USB Charging Adapter and USB Charging Cable in a safe place.

CHARGING/RECHARGING USING THE USB CHARGING CABLE AND A DEVICE WITH A USB-A POWER PORT (NOT SUPPLIED)

- IMPORTANT:** Always connect the USB Charging Cable to the external device's USB-A Power Port BEFORE connecting it to the unit. A 2A USB power source is required in order to recharge the unit.
- 1. Make sure the unit is turned off (the Battery Status LED Indicators are not lit).
- 2. Insert one end of the USB Charging Cable into an external device's functional USB Power Port.
- 3. Lift up the protective cover of the USB Ports. Insert the other end of the USB Charging Cable into the unit's USB-A Port.
- 4. When the unit is properly connected, the blue Battery Status LED Indicators will gradually light up (from bottom to top) to indicate the unit is charging.
- 5. Charge until the unit automatically shuts down.
- 6. Disconnect the USB Charging Cable from the device's USB Power Port and the unit.
- 7. Press the Power Button to turn the unit on. When all three blue Battery Status LED Indicators light, the unit battery is fully charged.
- 8. When charging is complete, store the USB Charging Cable in a safe place.

OPERATING INSTRUCTIONS

JUMP-STARTING USING THE SMART CABLES

Battery Clamp Connection Precautions

- Connect and disconnect the battery clamps only after unplugging the power source.
- Make sure the engine is not running when connecting or disconnecting the battery clamps.
- Never allow clamps to touch each other.
- Attach clamps to battery and chassis as indicated in the section "Connecting the Jump Starter Using the Included Battery Clamps".

Connecting the Jump Starter Using the Included Battery Clamps

1. Position the Smart Cables Controller to reduce risk of damage by the car hood, doors, or moving engine parts.
2. Stay clear of fan blades, belts, pulleys, and other parts that can cause injury to persons.
3. Check polarity of battery posts. The positive (POS, P, +) battery post usually has larger diameter than the negative (NEG, N, -) post.
4. Connect the Smart Cables Connector to the Smart Cables Port. **Be especially careful, since both the Connector and Controller are "live."**
5. Connect the Positive (RED) Clamp from the Jump Starter to the positive (POS, P, +) ungrounded battery post. Connect the Negative (BLACK) Clamp to the negative (NEG, N, -) unpainted frame vehicle chassis (bolt) or vehicle dedicated grounding post. Do not connect the clamp to the carburetor, fuel lines or sheet-metal body parts. Connect to a heavy gauge metal part of the frame or engine block.
Note: If the battery clamps are incorrectly connected with regard to polarity, the Bi-Color Jump Starter Status Indicator will light red until the clamps are disconnected. Remove the clamps and then reconnect them with correct polarity.
6. When disconnecting the Jump Starter, first remove the Negative BLACK (-) Clamp from the negative battery post or the vehicle chassis, and then remove the Positive RED (+) Clamp from the positive battery post. Disconnect the double barrel connector of the Smart Cables Controller from the Smart Cables Port of unit. Store the Smart Cables Controller in a safe place.

Procedure

- Take the following steps, observing all cautions and warnings in the "Important Safety Instructions" section at the front of this manual.
1. Turn off vehicle ignition and all accessories (radio, A/C, lights, connected cell phone chargers, etc.). Place vehicle in "park" and set the emergency brake.
 2. Make sure all the unit functions are turned off (the Battery Status LED Indicators are not lit) and the USB Charging Cable is NOT connected.
 3. Lift up the protective cover of the unit's Smart Cables Port. Insert the double-barrel Smart Cables Connector into the Smart Cables Port on the unit.
 4. Set up the unit as described in the "Connecting the Jump Starter Using Included Battery Clamps" section, observing all warnings and cautions in the "Important Safety Instructions" section.
 5. When the unit is properly connected, the Bi-Color Status Indicator on the Smart Cables Controller will light green.
 6. Turn on the ignition and crank the engine in 5-6 second bursts until the engine starts.
 7. When the process is completed, disconnect the Jump Starter. First remove the Negative Black (-) Clamp from vehicle chassis, and then remove the Positive Red (+) Clamp from the positive battery post. Disconnect the double barrel Smart Cables Connector from the Smart Cables Port.
 8. Store the Smart Cables Controller in a safe place.
 9. Recharge the unit fully.

IMPORTANT NOTES:

- If the battery clamps are incorrectly connected with regard to polarity, the Bi-Color LED Status Indicator will light red until the clamps are disconnected. Remove the clamps and then reconnect them with correct polarity.
- If the voltage of the unit's internal lithium battery is low and has insufficient output power, the Bi-Color LED Status Indicator will light red. Disconnect the unit and fully charge following the directions in the "Charging / Recharging" section.
- If the Smart Cables Controller is overheated, the Bi-Color LED Status Indicator will light red. Disconnect the Battery Clamps and allow the unit to cool down for a period before resuming any operation.
- If the cranking current and/or time period exceeds the unit's parameters, the Bi-Color LED Status Indicator will flash red for 50 seconds (a cooling down period) before lighting green again (resuming normal operation).
- ▲ NOTICE –** To avoid the risk of property damage:
 - If the vehicle doesn't start after the first attempt, allow a resting/cooling period of 4 to 5 minutes before making a second attempt. If a second attempt doesn't start the vehicle, discontinue use and look for other problems that need to be corrected. The battery may be damaged.
- NEVER attempt to use the unit to start a vehicle while it is in charging mode.
- Using the Jump Starter without a car battery installed in the vehicle will damage the vehicle's electrical system.

OPERATING THE USB PORTS AND LED LIGHT

The USB-C Port, USB-A and LED Light are located on the side of the unit. They are all controlled by the Power Button (on the front of the unit). Refer to the "Features" section to locate.

IMPORTANT NOTES: The USB Ports provide a total of 5VDC 15W output power.

1. Press the Power Button on the unit once. The USB Ports are both ready to use.
2. Lift up the protective cover of the USB Ports. Plug the USB-powered device into the appropriate USB Port and operate normally.
3. Press the Power Button a second time. The Area Light will turn on (and the USB Ports remain active).
4. Press the Power Button a third time to turn off both functions.

Periodically check the unit's battery status. When the battery level is nearly empty (only one blue Battery Status LED Indicator lights), the unit must be recharged or the unit's built-in low voltage protection will activate briefly before automatic shut down occurs.

Make sure all the unit functions are turned off when the unit is being recharged or stored.

USB Ports Fault Conditions

- When the USB Ports are in use, the unit will monitor for the following fault conditions (on both Ports):
- If a **Low Battery Voltage Fault** occurs, the USB Ports will immediately automatically shut down.
- If an **Overload Fault** or a **Short-circuit** occurs, the USB Ports will immediately automatically shut down.
- If the **battery of the unit overheats or is too cold**, the USB Ports automatically shut down.

- In any of these cases, disconnect the USB-powered device immediately.
- Make sure the unit does not need to be recharged.
 - Allow the unit to cool down for several minutes before attempting to use the USB Ports again.
 - If a fault occurs again, make sure that the total draw of all USB devices plugged into the USB Ports does not exceed the maximum rating.
 - If an individual USB device is within specifications and the fault occurs, have the USB device checked for malfunction and do not continue to use it with these USB Ports.
- NOTES:** This unit's USB Ports do not support data communication. They only provide power to external USB-powered devices.
- Some USB-powered household electronics may not operate with this USB Port. Check the manual of the corresponding electronic device (including a cell phone, tablet, etc.) to confirm that it can be used with this type of USB Port.

OPERATING THE 120V AC/USB CHARGING ADAPTER'S USB PORT

Plug the 120V AC/USB Charging Adapter into a (powered) standard North American 120 volt 60Hz outlet. Simply plug a USB device into the USB outlet and operate normally.

▲ WARNING – To reduce the risk of injury or property damage: Always plug the 120V AC/USB Charging Adapter to the standard North American 120 volt 60Hz outlet before plugging any devices into it.

CARE AND MAINTENANCE

All batteries lose energy from self-discharge over time and more rapidly at higher temperatures. When the unit is not in use, we recommend that the battery is charged at least every 3 to 6 months.

From time to time, wipe the outside of the unit with a soft cloth. Do not immerse the unit in water.

There are no user-replaceable parts. Periodically inspect the condition of adapters, connectors and wires.

BATTERY

Please be advised that the battery is designed to last the service life of the unit and is not replaceable, removable or serviceable. Service life is dependent on a number of factors including but not limited to the number of recharge cycles, and proper care and maintenance of the battery by the end user. Contact manufacturer for any information you may need.

Safe battery disposal

Contains a lithium battery, which must be disposed of properly. Recycling is required. Failure to comply with local, state and federal regulations can result in fines, or imprisonment.

Please recycle.

▲ WARNINGS:

- Do not dispose of the battery in fire as this may result in an explosion.
- Before disposing of the battery, protect exposed terminals with heavy-duty electrical tape to prevent shorting (shorting can result in injury or fire).
- Do not expose battery to fire or intense heat as it may explode.



TROUBLESHOOTING

The unit will not charge

- Check that all the unit functions are all turned off.
- Check that the USB Charging Cable is properly connected to the charging source and to the unit.
- Check the connection to the power source. Make sure there is good contact.
- Confirm that there is functioning power source.
- The unit may have shut down to protect the battery from overheating after a long period of operation or charging, or if it is too cold (the ambient temperature has dropped below 0°C). Disconnect the USB Charging Cable from the unit and power source. Allow the unit to cool down or warm up for a period before resuming charging.

The Jump Starter will not start the vehicle

- Check that all the unit functions are all turned off.
- Make sure a proper polarity cable connection has been established and the Bi-Color Booster Status Indicator on the Smart Cables Controller lights green.
- The unit may be in over-current / over-time protection. Remove the clamps and restart after a cooling down period of approximately 30 minutes.
- The unit may have overheated due to the excessive engine cranking. Make sure all the unit functions are turned off and allow the unit to cool down before resuming operation.
- The battery of the unit may have overheated or may be too cold. Allow the unit to cool down or warm up for a period before resuming operation.
- The vehicle battery may be in fault condition and cannot accept starting assistance. The manufacturer recommends taking it to a certified automotive service center for evaluation.
- Check that the unit has a full charge. Recharge the unit if necessary.

The LED Light will not operate

- Make sure the Power Button has been pressed twice to turn the LED Light on.
- The battery of the unit may have overheated or may be too cold. Allow the unit to cool down or warm up for a period before resuming operation.
- Check that the unit has a full charge. Recharge the unit if necessary.

The USB Ports will not operate

- Make sure the Power Button has been pressed to turn the USB Ports on.
- A fault condition exists in one of the USB Ports. Refer to the USB Ports Fault Conditions in the "OPERATING THE USB PORTS" section to remedy any faults.
- Make sure the USB device plugged into the USB Ports do not exceed maximum rating.
- The battery of the unit may have overheated or may be too cold. Allow the unit to cool down or warm up for a period before resuming operation.
- Some USB-powered household electronics will not operate with these USB charging/power ports. Check the manual of the corresponding electronic device to confirm that it can be used with this type of USB charging/power port.
- Check that the unit has a full charge. Recharge the unit if necessary.

The 120V AC/USB Charging Adapter's USB Port will not operate

- Make sure you have live AC power to the outlet the 120V AC/USB Charging Adapter is plugged into.
- Make sure the rating of equipment plugged into the Charging Adapter's USB Port does not exceed 2A continuous.

- Some household USB-powered electronics will not operate with this USB Port. Check the manual of the corresponding electronic device to confirm that it can be used with this type of USB Port.

If the unit does not operate after taking the steps given above, contact the manufacturer at (877) 571-2391.

ACCESSORIES

Recommended accessories for use with this unit may be available from the manufacturer. If you need assistance regarding accessories, please contact manufacturer at 1-877-571-2391.

▲ WARNING – The use of any accessory not recommended for use

