

TOURING ITEMS
TYPES

1500A

POWERGUIDE

JUMP STARTER



WP ITM. AC535096
User Manual

BC

IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY

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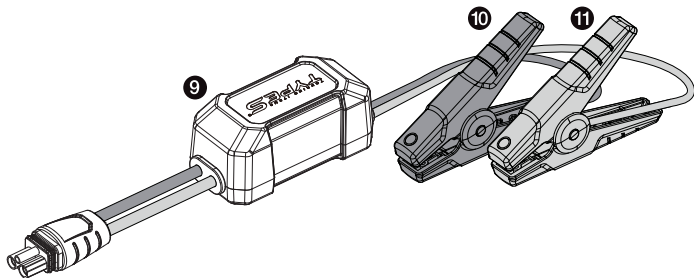
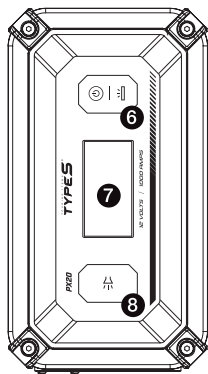
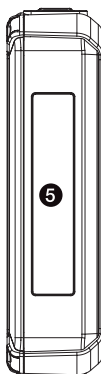
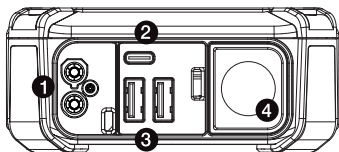
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TECHNICAL SPECIFICATIONS

Product Dimensions:	7.2 x 4.1 x 1.8 in (182 x 105.1 x 45.4 mm)
Product Weight:	1.45lbs (660g)
Internal Battery:	Lithium-ion
Battery Capacity:	44.4Wh 14.8V
Input (USB-C):	5V 3A / 9V 3A / 12V 3A / 15V 3A / 20V 3.25A
Output (USB-C):	5V 3A / 9V 3A / 12V 3A / 15V 3A / 20V 3.25A
Output (USB-A):	5V 2.4A / 9V 2A / 10V 2.25A / 12V 1.5A
Jump Start Current:	600A 0.3S 12V
Peak Current:	1500A
Operating Temperature:	-4°F ~ 93°F (-20°C ~ 34°C)
Storage Temperature:	-4°F ~ 104°F (-20°C ~ 40°C) Avg. Temp.
Charging Temperature:	32°F ~ 93°F (0°C ~ 34°C)
Housing Protection:	IP64 Splash-Resistant (with Ports Covered)

FEATURE OVERVIEW

1. Jumper Cable Port
2. USB-C Output / Input
3. USB-A Output
4. LED Spotlight: Flashlight, Strobe & Hazard Modes
5. Lantern Light: Flashlight, Strobe & Hazard Modes
6. Power & Lantern Light Mode Button
7. LCD Display Screen
8. LED Spotlight Mode Button
9. Smart Controller with Built-in LED Indicators
10. Negative Clamp (Black)
11. Positive Clamp (Red)



WARNING

INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

- Always wear safety glasses when jump starting a battery (to protect your eyes), and gloves when handling a battery (to protect your hands).
- When jump starting a vehicle, please ensure that the gray plug is securely fitted into the jumper cable port on the jump starter.
- Ensure the cable clamps are connected correctly, and the connectors are free from rust and dirt.
- Do not allow this product to become wet. Exposure to excessive moisture will damage the unit.
- Do not immerse the product in water.
- Do not operate the product in explosive atmospheres, such as in the presence of flammable liquid, gas or dust.
- Do not modify or disassemble this product.
- Do not store in locations where the temperature may exceed 104°F (40°C).
- Charge only using the charger provided.
- Under extreme heat conditions, battery leakage may occur. Avoid contact with your skin. In case of skin or eye contact, rinse immediately with clean water and seek medical attention.
- If battery leakage occurs, take it to your local battery recycling center for disposal. Do not attempt to use.
- This jump starter is to be used on 12V vehicles only. Using on non-12V vehicles may cause serious damage to the vehicle, jump starter, or injury to the user. Refer to the owner's manual for the vehicle if you are uncertain what voltage the vehicle runs on.

BATTERY DISPOSAL

The battery is self-contained and not consumer replaceable. The battery must be disposed of properly when it no longer holds a charge. Proper charging practices will increase the life of the product. For information on battery recycling, call toll-free 800-822-8837.

For information regarding air travel safety with batteries, please check the U.S. Department of Transportation prior to travel at:

<http://phmsa.dot.gov/safetravel/batteries>

or contact your airline if traveling from a country outside the U.S.

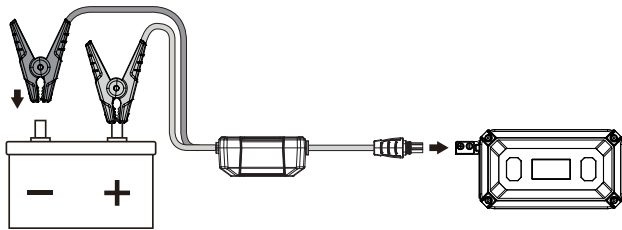
NOTE: The jump starter gives 44.4 watt hours of power.

IMPORTANT SAFETY INSTRUCTIONS

WARNING - When using this product, basic precautions should always be followed, including the following:

- a) Read all the instructions before using the product.
- b) To reduce the risk of injury, close supervision is necessary when the product is used near children. Children should not operate this device unless under strict supervision by a person responsible for their safety.
- c) Do not put fingers or hands into the product.
- d) Do not use any attachment that is not sold by jump starter manufacturer which may result in a risk of fire, electric shock, or injury to persons.
- e) To reduce risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the jump starter.
- f) Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- g) Do not operate the jump starter with a damaged cord or plug, or a damaged output cable.
- h) 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.
- i) To reduce the risk of electric shock, unplug the jump starter from the outlet before attempting any instructed servicing.
- j) **WARNING - RISK OF EXPLOSIVE GASES.**
 - 1) **WORKING IN 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 YOU FOLLOW THE INSTRUCTIONS EACH TIME YOU USE THE JUMP STARTER.**
 - 2) To reduce risk of battery explosion, follow these instructions and those published by battery manufacturer and manufacturer of any equipment you intend to use in vicinity of the battery. Review cautionary marking on these products and on engine.
- k) The device shall be stored indoors and protected from the elements.
- l) The unit shall not be charged outdoors.
- m) When in use, steps should be taken to reduce the exposure to rain, sleet, snow, and the like.
- n) **PERSONAL PRECAUTIONS**
 - 1) Consider having someone close enough by to come to your aid when you work near a lead-acid battery.
 - 2) Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes.

- 3) Wear complete eye protection and clothing protection. Avoid touching eyes while working with battery.
 - 4) If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters eye, immediately flood eye with running cold water for at least 10 minutes and get medical attention immediately.
 - 5) NEVER smoke or allow a spark or flame within the vicinity of battery or engine.
 - 6) Be extra cautious to reduce risk of dropping a metal tool onto battery. It might spark or short-circuit battery or other electrical part that may cause explosion.
 - 7) 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 the like to metal, causing a severe burn.
- o) When charging the internal battery, work in a well-ventilated area and do not restrict ventilation in any way.
 - p) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
 - q) Do not expose a jump starter to fire or excessive temperature. Exposure to fire or temperature above 130°C (266°F) may cause explosion.
 - r) Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
 - s) Attach output cables to a battery and chassis as indicated below. Never allow the cable clamps to touch one another.



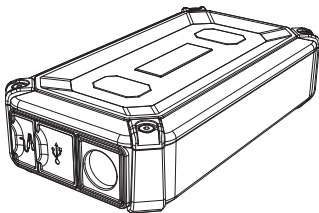
- t) Dropping, hitting, or other excessive amounts of force to the jump starter may damage the unit (external and internal), which may result in loss of operation, electrical fire, or cause other serious damage.
- u) Do not overcharge the internal battery or short circuit output connector.
- v) This product is suitable for use in home, office, household workshop or garage. Do not operate in rough environment such as repair facility.

WARNING: This jump starter is only intended to jump start 12V cars, trucks, boats, or motorcycles with an internal combustion engine and single lead-acid battery systems. Do not use this device to jump start batteries outside of these four types of vehicles; doing so may cause a fire or other serious injuries. Refer to the user manual for additional safety information.

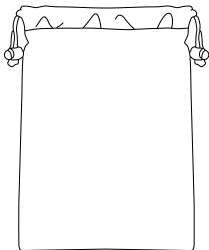
SAVE THESE INSTRUCTIONS

PACKAGE CONTENTS

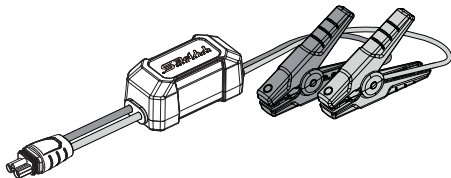
Jump Starter Power Bank



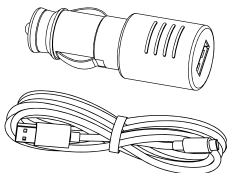
Storage Bag



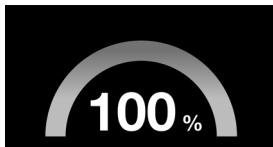
Cross-Jump™ Cables



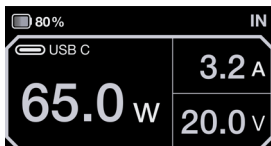
12V USB Charger &
USB-C Charging Cable



CHECKING THE BATTERY LEVEL

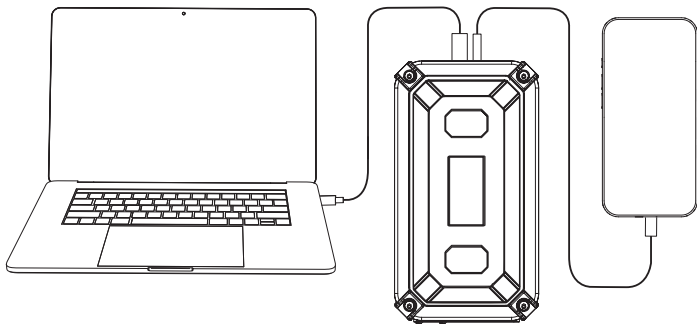


Press  |  to check the battery level of the jump starter. Once the battery display reads 100%, it means the jump starter is fully charged. During charging or discharging, the screen will show the battery status.



CHARGING YOUR MOBILE DEVICES

Charge your mobile devices using either the original charging cables or approved cables certified by the manufacturer. You can charge three devices simultaneously via the USB-C and USB-A ports. To begin charging, press  |  once.

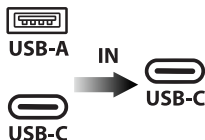


CHARGING THE JUMP STARTER

At Home:

USB-A to USB-C Cable (included), USB-C to USB-C Cable (not included)

1. Connect one end of the charging cable to a USB-A / USB-C port on a 30W (or above) wall adapter (not included).
2. Connect the other end to the USB-C port on the jump starter.
3. Once the jump starter is fully charged, disconnect and store it in a safe place when not in use.



In Car:

1. Connect one end of the charging cable to the 12V car charger, then to the 12V socket in your vehicle.
2. Connect the other end to the USB-C port on the jump starter.
3. Once the jump starter is fully charged, disconnect and store it in a safe place when not in use.



NOTES:

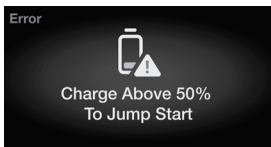
- Fully charge the jump starter before initial use. To preserve the battery life and performance, check the battery status regularly, charge when needed. Recharge every 2-3 months if the jump starter is not being used.
- In order to reduce the risk of fire or electric shock, an adapter shall be chosen that is suitable for the application and is certified as a Class 2 or LPS power supply or power adapter.

JUMP STARTING

BEFORE YOU JUMP START!

Charge the jump starter above 50% to jump start.

Prior to jump starting your vehicle, ensure it is in Park. Disconnect all charging cables. For manual transmission vehicles, ensure they are in Neutral and engage the Emergency Brake.

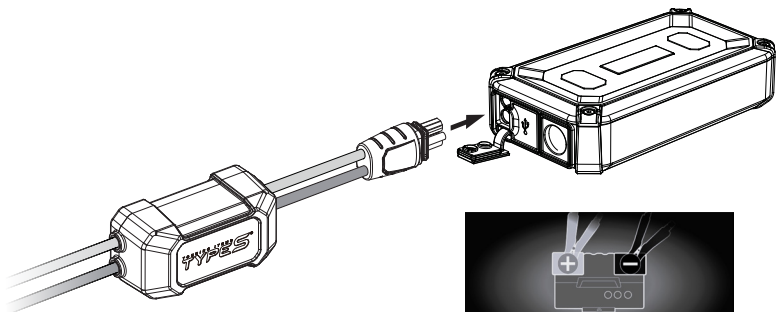


POWERGUIDE DISPLAY

The jump starter provides step-by-step instructions for jump starting your vehicle. Once powered on, connect the jumper cable to the designated port and follow the prompts displayed on the screen. Detailed steps are provided in the following section for your reference.

Jump Starting

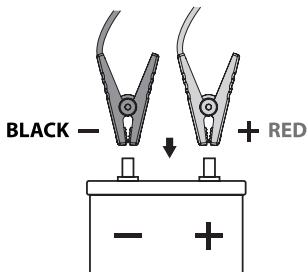
1. Flip open the jumper cable port lid and insert the jumper cable securely into the jump starter. The screen will read: *Clamp Cables to Car Battery*.



2. Connect the cable clamps to your car battery one at a time.

While color-coded red and black, these clamps are non-polarized, so you can connect them either way without risk of damage or incorrect polarity. The following is a recommended connection sequence:

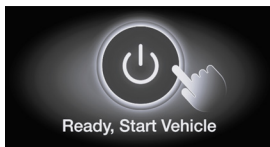
- Connect the **RED** clamp to the **POSITIVE (+)** post on the car battery. The **POSITIVE** battery post is slightly larger than the **NEGATIVE** post and marked with a **PLUS (+)** sign. It may also have a **RED** plastic protective cover.
- Connect the **BLACK** clamp to the **NEGATIVE (-)** post on the car battery. It may have a **BLACK** plastic protective cover.



CAUTION: DO NOT allow the metal ends to touch together because this may damage the battery, charging system and/or electronics on a vehicle. DO NOT lean directly over the battery while making jumper connections.

3. Check the jump starter status using the jumper cable's smart controller (refer to page 16). Proceed to the next step once the green LED indicator remains on.

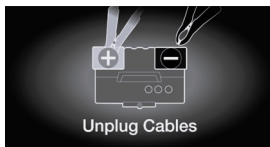
4. Once the cable clamps are properly connected to the car battery, the screen will read: *Ready, Start Vehicle*. To prevent reverse charging of the jump starter, you must start your vehicle within 90 seconds before the jump starter automatically powers off.



NOTE: If your vehicle fails to crank or cranks very slowly, check to ensure proper contact between the cable clamps and the car battery. Wait for 60 seconds before attempting to jump start your vehicle again. Reconnect both cable clamps to the car battery for every new jump start attempt.

The engine should start if there are no other issues, such as a faulty starter or problems with the ignition circuit. Please avoid attempting to jump start the vehicle more than three times using the jump starter. If the vehicle still fails to start after three attempts, it is advisable to have an auto mechanic check for other possible causes.

5. Following a successful jump start, the smart controller will sound a beep. The screen will read: *Unplug Cables*.



6. Disconnect the cable clamps from your vehicle. First remove the **BLACK** clamp, then the **RED** clamp.
7. Disconnect the jumper cable from the jump starter. The jump starter will power off automatically in 30 seconds.
8. Allow the engine to run for 20-30 minutes. Alternatively, drive the vehicle to recharge the battery.

NOTE: If the engine turns off shortly after jump starting or immediately upon disconnecting the jumper cable, it likely indicates a problem with the vehicle's charging system. This could be due to a faulty alternator, voltage regulator, wiring issue, or loose/dirty battery cables. It is recommended to seek professional help from an auto mechanic to diagnose and address the cause of the problem. For vehicles that have remote battery jumper locations, such as batteries located in the trunk, the jump starter may not function correctly. Please refer to the owner's manual of your vehicle for instructions in such cases.

Smart Controller Status

Status (Light & Sound Indicator)			Status Meaning
Red Light	Green Light	Sound	
		None	Connection secured. Ready to jump start.
		None	Insufficient battery level. Charge the jump starter.
		None	Loose or incomplete connection. Make sure all cable clamps are securely attached to the car battery.
			The car battery voltage exceeds that of the jump starter. You can still jump start your battery, but may need to recharge the jump starter afterward.
		Beeping (fast)	Overheating detected. Allow the jump starter to cool completely before resuming operation.
		Beeping	Jump start is complete. Disconnect the jumper cable from both the car battery and the jump starter.
		None	The jump starter has timed out after 90 seconds. Reconnect the jumper cable to the car battery and the jump starter.
		None	Please contact TYPE S for troubleshooting.

 Solid LED On

 Flashing LED

 LED Off

LED SPOTLIGHT / LANTERN LIGHT

LED Spotlight

Light Mode	Behavior
Flashlight	Press  once while the jump starter is on
Strobe Light	Press  once while in flashlight mode
Hazard Light	Press  once while in strobe light mode
Turn Off	Press  once while in hazard light mode

Lantern Light

Light Mode (White)	Behavior
Flashlight	Press   once while the jump starter is on
Strobe Light	Press   once while in flashlight mode
Hazard Light	Press   once while in strobe light mode
Turn Off	Press   once while in hazard light mode

Light Mode (Red)	Behavior
Flashlight	Press   twice while the jump starter is on
Strobe Light	Press   once while in flashlight mode
Hazard Light	Press   once while in strobe light mode
Turn Off	Press   once while in hazard light mode

NOTE: The LED spotlight and lantern light can operate simultaneously.

FCC/IC Compliance Statement:



Overcharge and
Overdischarge Protection



Fuse Protection



1500A PowerGuide Jump Starter

Model: AC535096

Responsible Party:

TYPE S

2975 Red Hill Ave., Ste. 100, Costa Mesa, CA 92626

Tel: 1-866-294-9244

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.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

NOTE: This equipment 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 equipment 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 this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment 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 the equipment and receiver.
- Connect the equipment 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.

TROUBLESHOOTING

Issue	Cause	Remedy
Jump start unsuccessful	The 90-second timer for jump starting has expired	Jump starter has timed out. Reconnect the cable clamps to the car battery.
	Low battery status	Recharge the unit via USB-C cable until the battery level is above 50%.
LED indicators on the smart controller keep flashing	Circuit protection is engaged	Refer to the status table on the smart controller or page 16 of the user manual.
LED flashlight does not turn on	Low battery status	Recharge the unit via USB-C cable.
	The unit is charging	The lights are disabled during charging. Disconnect the unit or wait until charging is complete before use.



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