ANTIGRAVITY BATTERIES

PRODUCT SAFETY INFORMATION GUIDE **IMPORTANT! READ FIRST**



READ AND UNDERSTAND ALL SAFETY INFORMATION BEFORE USING THIS PRODUCT. Failure to follow these safety instructions may result in ELECTRICAL SHOCK, EXPLOSION, FIRE, which may result in a SERIOUS INJURY, DEATH, or PROPERTY DAMAGE.



Electrical Shock Product is an electrical Electrical Shock. Product is an electrical device that can shock and cause serious injury. Do not cut power cords or short-circuit Do not submerge or get wet.



Explosion Unmonitored incompatible or damaged batteries can explode if used with product. Do not leave product unattended while in use. Do not attempt to jump-start a damaged or frozen battery. Use product only with batteries of recommended voltage Operate product in well ventilated areas.



Fire. Product is an electrical device that emits heat and is capable of causing burns Do not cover product. Do not smoke or use any source of electrical spark or fire when operating product. Keep product away from combustible materials.



Eye Injury. Wear eye protection when operating product. Batteries can explode and cause flying debris. Battery acid can ause eye and skin irritation. In the case of ontamination of eyes or skin, flush affected area with running clean water and contact poison control immediately.



DANGER

Explosive Gases. Working in the vicinity of gases is dangerous. Batteries may generate explosive gases during normal battery operati To reduce risk of battery explosion, follow all safety information instructions and those bublished by the battery manufacturer and manufacturer of any equipment intended to be used in the vicinity of battery. Review cautionar markings on these products and on engine.

Important Safety Warnings

PERSONAL PRECAUTION. Only use product as intended.

1) Someone should be within range of your voice or close enough to come to your aid in case of emergency.

- 2) Have a supply of clean water and soap nearby in the case of battery
- 3) Wear complete eye protection and protective clothing while working hear a battery.

 4) Always wash hands after handling batteries and related materials.
- 5) Do not handle or wear any metal objects when working with batteries, including tools, watches or jewelry. If metal is dropped onto battery, it may spark or create a short circuit resulting in electrical shock, fire, or explosion which may result in injury, death or property
- 6) Never Smoke or allow Spark of Flame in vicinity of Battery or Engine 7) Never Jump-Start or Charge a frozen battery.
- 8) Jump-Start in well ventilated area only a spark can cause explosion.

MINORS. If the product is intended by "Purchaser" to be used by a minor, purchasing adult agrees to provide detailed instructions and warnings to any minor prior to use. Failure to do so is the sole responsibility of the "Purchaser", who agrees to indemnify Antigravity Batteries for any unintended use or misuse by a minor.

CHOKING HAZARD. Accessories may present a choking hazard to children. Do not leave children unattended with product or any accessory. The product is not a toy. Whether stored or in use, keep this product out of reach of children. Close supervision is necessary when used near children.

HANDLING. Handle product with care. The product can become damaged if impacted. Do not use a damaged product, including, but not limited to, cracks to the casing or damaged power cords/cables, swollen battery or case. Humidity and liquids may damage product. Do not handle product or any electrical components near any liquid. Store and operate product in dry locations. Do not operate products if it becomes wet. If product is already operating and becomes wet, disconnect it from the battery and discontinue use immediately. Do not disconnect the product by pulling on the cables.

MODIFICATIONS. Do not attempt to alter, modify or repair any part of the product. Disassembling product may cause injury, death or damage to property. If product becomes damaged, malfunctions or comes in contact with any liquid, discontinue use, and contact Antigravity Batteries. Any modifications to the product will void

ACCESSORIES. This product is only approved for use with sible for user safety or damage when using accessories not

LOCATION Prevent battery acid from coming in contact with LOCATION. Prevent battery acid from coming in contact with the product. Do not operate the product in a closed-in area or an area with restricted ventilation. Do not set a battery on top of product. Position cable leads to avoid accidental damage by moving vehicles parts (including hoods and doors), moving engine parts (including fan blades, belts, and pulleys), or what could become a hazard that may cause injury or death. OPERATING TEMPERATURE. This product is designed to work in ambient temperatures between -30 degrees C to 50 degrees C. Do not operate outside of temperature ranges. Do not jump start a frozen battery. Discontinue use of product immediately, if the battery sively warm or bulges (appears swollen)

STORAGE. Do not use or store your product in areas with high concentrations of dust or airborne materials. Store your product on flat; secure surfaces so it's not prone to falling. Store your product in a dry location. The storage temperature is -0 degrees C to 43 degrees C (average temperature). Never exceed 80 degrees C under any

COMPATIBILITY. The product is only compatible with 12-vol lead-acid batteries only. Do not attempt to use product with any other type of battery. Jump starting other battery chemistries may result in injury, death or property damage. Contact the battery manufacturer prior to attempting to jump start the battery. Do not jump start a battery if you are unsure of the battery's specific chemistry or voltage.

THE BATTERY. The built-in lithium-ion battery in the product should be replaced only by Antigravity Batteries, and must be recycled or disposed of separately from household waste. Do not attempt to replace the battery yourself and do not handle a damaged or leaking lithium-ion battery. Never dispose of battery in household trash. Disposal of batteries in household trash is unlawful under state and federal environmental laws and regulations. Always take used batteries to your local battery recycling center. If the product battery is excessively hot, emitting an odor, deformed, cut, or is experiencing or demonstrating an abnormal occurrence, immediately stop all use and contract Antigravity Batteries. This jump starter is not designed to be used as a replacement for a vehicle's battery

BATTERY CHARGING. Charge the products only with the included/supplied AC or DC chargers. Failure to do so may result in electrical shock, fire, explosion which may result in injury, death or property damage. Some third-party USB cables and 5W or 10W power adapters that are compatible with USB 2.0 or power adapters compliant with one or more of the following standards EN 301489-34, IEC 62684, YD/T IS91-2009, CNS IS285. ITUL.1000 may be used on

Be cautious of using low quality USB power adapters, as they may present a serious electrical risk that can result in injury to person, device, and property. If using a third party USB power adapter, contact the manufacturer(s) to find out if your power adapter complies with the above standards.

Using damaged cables or chargers, or charging when moisture is present, can result in a electric shock. Using generic or third-party power adapter may shorten the life of your product and cause the product to malfunction. Antigravity Batteries is not responsible for the user's safety when using accessories or supplies that are not approved by Antigravity Batteries.

When using a USB Power Adapter to charge the product (XP-3 or When using a USB Power Adapter to charge the product (XI*-3 or XP-10), make sure that the USB plug is fully inserted into the adapter before you plug it into a power outlet. Power adapters may become warm during normal use, and prolonged skin contact may cause bodily injury. Always allow adequate ventilation around power adapters when using them.

To ensure maximum battery life, avoid charging your product for more than 2 days at a time, as overcharging may shorten battery life. Over time, an unused product will discharge and must be recharged before use. Disconnect the product from power sources when not in use. Use the product only for their intended purposes. Never leave a battery product unattended while charging.

MEDICAL DEVICES. Product may emit electromagnetic fields. Product contains magnetic components which interfere with pacemakers, defibrillator, or other medical devices. These electromagnetic fields may interfere with pacemakers or other medical devices. Consult with your physician prior to use if you have any medical device including pacemakers. If you suspect the product is interfering with a medical device, stop using the product immediately and consult your physician

+ INCLUDED KIT ITEMS

MEDICAL CONDITIONS. If you have any medical condition INITUTION. IT YOU have any medical condition that you believe could be affected by product, including but not limited to: seizures, blackouts, eyestrain or headaches, consult your physician prior to use of product. The use of the integrated high-powered flashlight in Strobe mode may harm persons with a light sensitivity or photosensitive epilepsy, which may result in serious injury or death.

LIGHT. Staring directly into the light beam or shine of the flashlight may result in permanent eye injury. The product is equipped with a high output LED pre-focused lamp that emits a powerful beam at the highest setting.

CLEANING. Power off the product before attempting any maintenance or cleaning. Clean and dry product immediately if it comes in contact with liquid or any type of contaminant. Use a soft, lint-free (microfiber) cloth. Avoid getting moisture in openings.

EXPLOSIVE ATMOSPHERES. Obey all signs and instructions. Do not operate product in any area with a potentially explosive atmosphere, including fueling areas or areas which

HIGH-CONSEQUENCE/RISK ACTIVITIES. This product

RADIO FREQUENCY INTERFERENCE. Product is designed, tested, and manufactured to comply with regulations governing radio frequency emissions. Such emissions from this product can negatively affect the operation of other electronic

USE COMMON SENSE. Always remain aware of your surroundings and the potential for dangerous situations when using this product or working with Batteries.

ANTIGRAVITY BATTERIES

MICRO-START



USERS MANUAL

PLEASE READ THE "IMPORTANT PRODUCT SAFETY INFORMATION GUIDE"
BEFORE PROCEEDING.



DANGER- WARNING

PRIOR TO USE, READ AND UNDERSTAND
PRODUCT SAFETY INFORMATION BOOKLET AND
THIS USERS MANUAL.



Failure to follow the instructions may in ELECTRICAL SHOCK, EXPLOSION, INJURY, DEATH, DAMAGE TO DEVICE or PROPERTY Do not discard this info

NOT INTENDED FOR USE ON DIESEL MOTORS ABOVE 2.5 LITERS.



+ WELCOME

Thank you for purchasing the Antigravity Batteries MICRO-START SPORT. The SPORT is an ultra-compact Jump-Starter that can also charge your USB Devices such as Phones, Tablets, Go-Pro Cameras, GPS and much more. The SPORT is re-charged from any USB Output Port such as found on your Computer, Cell phone Charger, or USB chargers such as found at Airports and other Charging stations. Any quality cable with a Micro-USB tip can charge the SPORT. Please read and understand the User Guide and Product Safety Information before operating the product.

For more information please Contact us with any questions

Antigravity Batteries 15622 Broadway Center St. Torrance CA, 90248

www.antigravitybatteries.com

GETTING STARTED

The MICRO-START SPORT comes partially charged out of the box and should be fully charged prior to use. Carefully read and understand the vehicle owner's manual on specific precautions and recommended methods for jump starting the your particular vehicle. Make sure to determine the voltage of your system and type of battery by referring to your battery owner's manual prior to using this product. The MICRO-START is for jump-starting 12-volt vehicles only. *It is not intended for use on Diesel Motor above 2.5 liters.

BEFORE CONNECTING TO ANY VEHICLE BATTERY

Before connecting to the battery, verify that you have a 12-volt vehicle system The MICRO-START in not suitable to jump-start any other voltage of battery. Identify the correct polarity of the battery terminals on the battery. The positive battery terminal is normally RED and marked by these symbols or letters (POS. P, +). The negative battery terminal is typically BLACK and marked by these letters or symbols (NEG, N, -). Do not make any connections to the carburetor, fuel lines, or thin metal parts for grounding. These instructions are for a negative ground system (most common). If your vehicle is a positive ground system (very ire), follow the instructions in reverse order.

SAFETY+PRECAUTIONS

- Do not leave the product in, or expose product to extremely high temperatures such as on dashboards or other extremely hot areas above 70 °C.
- Do not use product for any use other than intended. Do not use Jump-Start Port to power devices, it is ONLY for Jump-Starting.
- Do not Jump-Start with less than 3 lights lit on Capacity Indicator.

 Do not Jump-Start more than 4 seconds per attempt (overheating may occur).

 Do not Jump-Start more than 3 attempts in a row without allowing to cool.

 Do not allow the SPORT to become wet, do not immerse in water.
- Do not operate the appliance in explosive atmospheres, such as in the presence of flammable liquids, gases or dust
- Do not modify or disassemble, there are no serviceable parts inside Do not use as a replacement battery for vehicles.
- Do not leave the SPORT connected to vehicle. Remove within 30 seconds of
- Do not claw the Red and Black Clamps together.

 Do not clamp the Red and Black Clamps together.

 Do not allow Children to play with this product un-supervised. Not recommended for use by infirm persons.
- Do not leave battery products unattended while charging.
- Do not jump-start or charge frozen batteries, charge only between 0 °C and 50 °C Do not store in locations where the temperature may exceed 70 °C

OPERATING PRECAUTIONS

Make sure the BLUE PLUG for the MINI-CLAMPS is plugged and seated fully into the SPORT. This connection must be good or it could over-heat the unit. Make sure to check all the battery connections are clean. Remove corrosion or dirt that prevents a solid connection of clamps to vehicle battery terminals.

Make sure clamps have a good "bite" on Battery Terminals for the most power.

Make sure the SPORT has a minimum 3 lights on the Capacity Indicator lit before

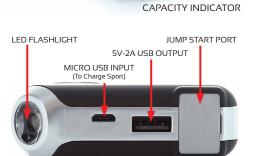
- Make sure to remove the product from the vehicle battery within 30 seconds of
- ove Clamps from SPORT when not in use Read and UNDERSTAND all Instructions for Jump-Starting (Page 5).

+ PRODUCT OVERVIEW





POWER SWITCH



CARRY CASE

MICRO-START

PORT

MINI JUMPER CLAMPS



1

6.

4-INTO-I USB CABLE

SPORT POWER SUPPLY

he SPORT has a lighted capacity indicator which will show the state of charge) Each light lit is equal to 25% capacity 2 lights=50% 3 lights=75% 4 lights= 100%

+ PRODUCT USE

CHECKING THE STATE OF THE CHARGE

only be used to jump-start with a minimum of 3 lights lit.



+ PRODUCT SPECS

MODEL: MICRO-START SPORT

APACITY: 7500mah / 25.75WH	OUTPUT VOLTAGE: 12V
MENSION: 5" x 2.8" x 1"	USB OUTPUT: 5V - 2A / USB INPUT 2A
HARGE MODE: CC/CV 5V - 1A	START CURRENT: I50A
/CLE LIFE: 1,000	PEAK CURRENT: 300A
PERATING TEMP : -30°C to 50°C	CHARGING TEMP : 0°C to 40°C

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CHARGING THE SPORT

The MICRO-START SPORT comes with a USB To Micro-USB Cable to charge it. The

SPORT Charges using any 5v USB Output Port such as found your Computer/Laptop, Phone Charger with Micro-USB tip, or a 5v USB Wall charger or a typical power-statio such as found at Airport and elsewhere.

Such as found at Ariport and eisewhere. J Simply plug the Micro-USB plug into the Input Charging Port on the SPORT and Plug the other end of the Cable into a USB Output Port to begin charging. Z) When charging, the indicator lights will flash one by one. The number of solid indicator lights lit indicates the charge level. All lights solid indicates a fully charged Micro-Start. Remove from Charger when fully charged.

*Note: you may use your Cell Phone charger to charge the SPORT provided it has a Micro-USB tip.

CHARGING USB DEVICES

The MICRO-START SPORT charges USB 5v devices at 2.1 Amps Plug the provided 4-into-I USB Cable or any standard USB Cable into the USB Output Port on the MICRO-START, plug the other end of the cable into the

- Device you are charging. 2) Press the Power Switch to begin charging your device. The 2.1 Amp USB Port can charge devices like Smart Phones, Tablets, Cameras and more. It offers
- fast charging capability.

 B) You can also use any other USB cable you may already have for your device.



LED FLASHLIGHT & FLASHER OPERATION

- 1) Press and hold Power Switch Button for 3 seconds to start the LED Flashlight. The LED has 4 light patterns (normal, strobe slow, strobe fast, red/blue flash). You can cycle to the next LED pattern by pressing the Power Switch again.

 After the last flash pattern the unit will turn off the lights.



JUMP STARTING A VEHICLE

lake sure the SPORT has a minimum of 3 lights lit on the Capacity Indica nnections with the Clamps to the battery are clean and with a good "bite". Connect the MINI-CLAMPS to the SPORT. Push the Clamps fully into the

and Red LEDs when connected, this is normal. 2) Connect the Clamps to the vehicle's battery, RED CLAMP the to the vehicle's POSITIVE Terminal (+), BLACK CLAMP to the NEGATIVE Terminal (-) a) If your connection is CORRECT, the Clamps will light Green on both LEDs

Jump-Start Port on the SPORT. The Clamps Panel will flash alternating Green

- indicating you can now try to start the vehicle. When Started go to Step 3.
 b) If the connection is NOT CORRECT, such as Reverse Polarity, the Clamps will flash Red and emit a Buzz sound from the Clamps. Disconnect clamps from the Vehicle Battery and from the SPORT and reconnect correctly. c) If the Battery Voltage of the Vehicle is read by the Clamps to be the
- proper voltage and not needing a Jump-Start then the LED lights will ontinue to alternately flash GREEN and RED. Disconnect and seek issu d) As a Safety Feature the Clamps will only allow Jump-Starting if the vehicle battery it is attached to reads the voltage as above 2-volts,
- or below 11.5v it will not allow Jump-Starting outside this range. 3) Once the Vehicle is started disconnect the Clamps from the Vehicle within 30 seconds. The Clamps will flash RED and emit a BUZZ sound to remind you to detach the Clamps from the vehicle's batte



. How do I turn off the SPORT?

The SPORT will automatically power-off when it is not powering anything.
Usually in about 15 seconds. Disconnect Clamps when not in use.

1. How many times can the SPORT charge a Cell Phone?

FREQUENTLY ASKED QUESTIONS

- The SPORT can charge the average Cell phone about 4 times depending on the size of the cell phone's battery. It has 7500mah of capacity.

 How many times can the SPORT charge a Tablet?

 The SPORT can generally charge a Tablet from 2-3 times. This depends on the size of the tablet's battery.
- . **How long does it take to fully charge?**The SPORT can fully charge from completely dead in 3-4 hours. If there is
- some charge in the SPORT it can charge in much less time.

 How long will it take to charge my cell phone?

 The SPORT can charge a phone in about 40 minutes to 1 hour. It depends on the phone, but the MS does charge USB Devices fast because it has a
- many times can it start a car? This depends on the size of the motor and state of charge, but regular 4 and 6 cylinder cars about 15 times or more. VBs about 10 times in a row.
- How long can the SPORT hold a charge?

 On average the MICRO-START can hold a charge for up to 6 months. This will depend on the conditions it is stored in. Heat and cold can affect this. It is best to check the state of charge at least once every 2-3 months.

 Can I use the Jumper Clamps or Starter Port to power other things?

 No, this should not be done. The Jumper Clamp port and clamps should be a possible to the conditions of the possible possible properties.
- only be used to jump-start vehicles with a minimum of 3 lights lit for the state of charge/capacity. Other uses such as powering other electronics through this port will ruin the device and could cause personal property damage, explosion or fire.

 2. How big of a motor can the SPORT start?

2 amp charge rate at the USB port

This depends on the vehicle. A modern V8s up to 350 cubic inch is the largest we recommend. Some older vehicles will not start easily due to inefficient starter systems. Do not continue to attempt to start a vehicle if the SPORT is struggling to start it. This could overheat or damage the unit because it is basically short-circuiting the unit.

LIMITED WARRANTY NON-TRANSFERABLE

ANTIGRAVITY Batteries LLC (ANTIGRAVITY) warrants that its products (the "Product") will be free froi defects in material and workmanship for a period of one (i) year from the date of purchase (the "Warrant period"). For defects reported during the Warranty Period, ANTIGRAVITY will, at its discretion, and subje-to ANTIGRAVITY's technical support analysis, either repair or replace, for the fees set forth below placement parts and products will be new or serviceably used, comparable in fur the original part and warranted for the remainder of the original Warranty Period.

THE FOREGOING LIMITED WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES NO THE FOREGOING LIMITED WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES NOT DEPRESSLY SET FORTH HEREIN, WHETHER EXPRESS OR IMPLICE BY OPERATION OF LAW OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ANTICRAVITY'S LIABILITY UNDER THIS LIMITED TO REPLACEMENT (IN THE FORM AND UNDER THE TERMS ORIGINALLY SHIPPED), OR TO REPAIR, WHETHER SUCH CLAIMS ARE FOR BREACH OF WARRANTY OR FOR NEGLIGENCE ANTICRAVITY SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, OR SPECIAL LOSSES, DAMAGES OR EXPENSES OF ANY KIND, INCLUDING, WITHOUT LIMITATION, ANY SUCH LOSSES, DAMAGES, OR EXPENSES ARISING DIRECTLY OR INDIRECTLY FROM THE SALE HANDLING, OR USE OF THE PRODUCT FROM ANY OTHER CAUSE RELATING THERETO, OR FROM PERSONAL INJURY OR LOSS OF PROPIT.

reksounal injury Orloss of Profit.

Some states, provinces and countries do NOT allow the exclusion or limitation of incidental onsequential damages or length of an implied warranty so the above limitation(s) or exclusion(s) may 10T apply. This Limited Warranty gives you specific legal rights and you may also have other legal right, thick vary by state, province and country.

her person or entity and is NOT assignable. It is the obligation of the original purchaser to: Request and obtain a return merchandise authorization (RMA) number from ANTIGRAVITY Support

Info[a]antigravitybattenes.com.
2) Forward the Product, including RMA number, payment for any applicable fees, and Proof of Purchas prepaid, to: Antigravity Batteries, Attn: Warranty Department
15622 Broadway Center St. GARDENA, CA 90248

THE COSTS OF TRANSPORTING PRODUCTS TO ANTIGRAVITY FOR WARRANTY SERVICE IS THE RESPONSIBILITY OF THE ORIGINAL PURCHASER. THIS LIMITED WARRANTY IS VOID UNDER THE FOLL DIMING, CONDITIONS: FOLLOWING CONDITIONS:

1) The Product is misused, subjected to careless handling, or operated under conditions of extreme temperature, shock, or vibration beyond ANTIGRAVITY's recommendations for safe and effective use.

2) The Product has NOT been installed, operated, or maintained in accordance with approved procedures.

3) The Product is disassembled, altered, or repaired by anyone, except ANTIGRAVITY.

4) The electrical connections to the DC output, input ports, jump-start port, USB port of the product are modified without the express written consent of ANTIGRAVITY.

5) The Product is subject to improper storage or accident.

6) The original purchaser fails to register the product.

7) The product is charged by any other charger than supplied or approved by ANTIGRAVITY.

LIMITED WARRANTY CONTINUED

IIS LIMITED WARRANTY DOES NOT COVER:

l) Normal wear and tear. 2) Cosmetic damage that does NOT affect functionality. 3) Products where the ANTICRAVITY serial number is missing, altered, or defaced.

LIMITED WARRANTY FEES
These fees apply only to Product during the Warranty Period. The Limited Warranty is vois
either by elapsed time from date of purchase or from the conditions listed earlier in thi
document. Return Product with the appropriate documentation along with a check for tha
applicable fees, as set forth below. Make checks payable to The ANTIGRAVITY Company
With Receipt: 0-1 Years: NO Charge. NO Receipt: 0-1 Years: 45% of MSRP [Exact amount will
be uneffect whose DMA is its result]

REGISTERING YOUR ANTIGRAVITY PRODUCT umst register your ANTIGRAVITY PRODUCT under to validate the Limited Warranty. u can register the product Online. To register your product Online, please visit: pericrostart.com/warranty/registration. Complete the requested information and click "send."

+ANTIGRAVITY CONTACT



VISIT OUR WEBSITES

FOR MORE COOL PRODUCTS

AND INFO antigravitybatteries.com

themicrostart.com **CONTACT INFORMATION**

Email: info@antigravitybatteries.com Phone: 310 527 2330

PLEASE READ THE "IMPORTANT PRODUCT SAFETY IN





contain chemicals or particles such as grain, dust or metal powders

is not intended for use where the failure of the product could lead to injury, death or severe environmental damage.

equipment, causing them to malfunction