

PRODUCT FAQs

[MICRO-START FAQ](#) / [ANTIGRAVITY BATTERY FAQ](#)

Why are Micro-Starts the BEST product of its kind? Learn more about the Micro-Start's advantage over other portable jump-starter power supplies out there. The following are answers to questions we are frequently asked.

WHAT IS A MICRO-START?

The MICRO-START product line by Antigravity Batteries is known for its stellar performance and quality. Recently Consumer Reports honored the Micro-Start as the **#1 Rated** Jump-Starter over 12 competitors.

Micro-Starts are the ORIGINAL, best selling, world's smallest lithium jump-starters that can also **Charge & Power** any of your electronics. Charge your Laptop, Smartphone, Tablet, GoPro & other Cameras, MP3 Players, PSPs and numerous other devices. The Micro-Start is your **POCKET-SIZED Personal Power Supply** (PPS) that you simply charge once then conveniently take with you everywhere. It has stunning ability to **Jump-Start** your vehicles with ease, including V8 and Diesel Trucks**. It features a built-in LED **Flashlight** with two flash patterns. It also comes in a compact carry case as a **complete kit** with all the accessories you need. Never worry about returning to a dead battery or having an electrical outlet nearby. Take **portable** power wherever you go and always be prepared to supply back-up energy to charge your devices or jump-start your vehicles. (**Jump-Starting power varies by Micro-Start model. Our XP-10 is the most powerful that has Diesel starting ability.)

WHAT ARE DIFFERENCES BETWEEN MICRO-STARTS?

Currently we offer 5 MODELS of MICRO-STARTS. Some as small as a Smartphone and others that are capable of easily starting Diesel Trucks and charging laptops for hours. The basic differences are the **POWER** for jump-starting vehicles, the **CAPACITY** of the units for back-up power, and their features such as charging **PORTS**.

⚡ JUMP-STARTING:

For example, the XP-10 has 300A starting current and 600A Peak! It is our most powerful unit that can start Diesel Pick-up Trucks up to 7.3 Liters. The other Micro-Start models should not be used for Diesel jump-starting due to the fact that a Diesel motor has extremely high compression and needs very high Amp Discharge abilities. The XP-1, XP-3 and SPORT models can start gas engines up to V8** size. (**SPORT starts up to 5L V8, the XP-3 up to 5.7L V8, and XP-1 starts up to 6L V8.)

⚡ CHARGING:

ALL Micro-Starts are equipped with a USB port to charge your 5V USB devices. The XP-3 features TWO USB ports. Both XP-1 and XP-10 also have dual USB ports and additionally feature a 12V DC output for accessories and a 19V for laptops. All Micro-Starts have a built-in, very bright LED flashlight, including 2 flash patterns. XP-1 and XP-10 have ultra-bright lights!

⚡ ALL models themselves (except SPORT) can be recharged by wall outlet or vehicle's cigarette lighter port – and these charger accessories are included as part of the Micro-Start kit. The XP-3 additionally has the ability to recharge from any USB connection, such as found on your computer or phone charger, or in your car, a hotel or airport. The SPORT model solely recharges by USB connection, making it the most compact kit we offer as it eliminates the need for the home and mobile charger accessories. Every Micro-Start comes in a durable carry case with all the accessories you need to charge your devices and jump-start your vehicle.

CAN A MICRO-START START A DIESEL MOTOR?

Our smallest units are not recommended for Diesel Motors (XP-1, XP-3, SPORT). Diesel Motors have extremely high compression and require the glow plugs to be ignited. You need maximum power for this application. We suggest the MICRO-START **XP-10** and **XP-10-HD** that can start up to 7.3L Diesels like DuraMax or Powerstrokes as well as Passenger Car diesel motors. We also have a specific larger model coming out for 12- and 24-Volt applications and for use with Diesel motors.

HOW MANY TIMES WILL A MICRO-START CHARGE MY DEVICES?

There are 5 different MICRO-START models (and more coming); some have higher capacity than others or more features. Capacity is the amount of energy that can be stored in the Micro-Start. For specifications and features of the different models, see their product pages – view all models here. But in general the amount of time a Micro-Start can charge a phone is also **based on what it is charging**. For example some phones have a larger battery than others. If you're charging your phone while in use, or with the GPS running for the Maps feature, it will draw a lot of energy and the Micro-Start will not charge the phone as many times as when the phone is off and just charging.

In addition keep in mind that EACH different type of electronics device has different size of battery in it. For example if a MICRO-START XP-1 can charge an iPhone about 6-7 times, it may charge a different brand more or less times depending on the size of battery in that particular phone or other device. In addition Tablets have much larger batteries inside than a Cell phone so you would not get as many charges on a Tablet as compared to a Cell phone.

WHAT IS THE WARRANTY?

The MICRO-START Warranty is for 1 year and you can find the WARRANTY HERE.

WHAT SETS ANTIGRAVITY BATTERIES APART FROM YOUR COMPETITORS?

- ⚡ Knowledge:** First and foremost we are a company specializing in lithium battery manufacture and production. We are NOT a trading company like most every other company selling this type of product. The trading companies import a copy-cat product and then sell them without really knowing what makes for a good lithium battery. WE KNOW the product and continue to design and develop it.
 - ⚡ Devotion:** We are devoted to building the best product available in terms of performance and durability, but also in regards to design and innovation. Our MICRO-START is the ORIGINAL of its kind. Often copied, but never duplicated. It is the best selling and most reputable product in the Motorsports and Tool Channels.
 - ⚡ Quality:** We know all the companies that produce the parts for Lithium-Ion products. We know who makes the quality cells and products, while trading companies know little of their product or of the manufacture process for producing quality products – cheaper versions offer cheaper material. We use higher quality & UL-listed lithium cells; the quality of the cells and circuit boards inside is the heart of the product.
 - ⚡ We are an American company** dedicated to producing the most innovative, quality products in the Lithium-Ion market. When you purchase an Antigravity Micro-Start you are getting the best and highest quality in every component from Power Cells to our over-all design and build quality.
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I SEE UNITS THAT LOOK SIMILAR TO MICRO-STARTS, BUT ARE LESS EXPENSIVE; WHY?

The Antigravity Batteries MICRO-START was the first and original mini jump-starter on the market. We are the world's best selling mini-jump starter and within 6 months of the release of our product we started seeing lower-priced inferior copy-cat products. Just because it looks the same does not mean it is remotely similar in quality. There are many important factors involved with making a quality product of this type. **Lithium Cells** are the heart of the unit and a quality "A-Grade" lithium cell is quite expensive as is a quality circuit board. The use of inferior and low quality parts are how these copy-cat products are made and sold so cheaply. They use recycled lithium cell packs or a low grade cell that will work for a few months then die or lose performance, and they use a lower quality circuit board.

Additionally many sellers of these products are usually importers or sellers buying from a Chinese Trading Company with no understanding of what makes a quality lithium product. They just sell the latest "hot selling" product with no concern for warranty claims later. Most often times they inflate the milliamp hours (mAh) of their units to numbers that induce sales. They are most often no-name brands and usually have no quality control, no official website and only have a presence on Amazon or Ebay. They often operate out of a garage or small warehouse with no phone number to call and ask questions.

Antigravity Batteries is a trusted, high-quality brand with business relationships with top distributors, dealers and brands in our industry. Antigravity Batteries will never attempt to use inferior materials or workmanship in regards to any aspects of our products. We stand behind producing the BEST product of it kind in all of our endeavors.

WHICH MICRO-START SHOULD I GET?

Your choice of which Micro-Start to get will depend on your uses. All Micro-Starts can charge your USB devices. If you need to run your laptop or want the highest capacity, take a look at the XP-1 and XP-10. Choose the XP-10 if you need Diesel jump-starting ability. If you want the smallest, lightest Micro-Start for ultimate portability, compare the capacities and features of our XP-3 and newest SPORT model. Your choice might depend on how many devices you want to simultaneously charge. The XP-10 and XP-1 each have 4 power ports. The XP-3 is equipped with 2 USB outputs while the SPORT has 1. Our SPORT model comes in the most compact kit we offer, as it has ability to recharge off any USB connection and does not require the wall- and mobile-charger accessories.
