



BioCharger®

Advanced Biotechnologies, LLC

BIOCHARGER.COM



Quick Start Guide

Getting Started

This Quick Start Guide outlines the requirements and best practices for successfully assembling your BioCharger NG. Disregarding the requirements outlined in this document may cause damage to the equipment, injury, or loss and may potentially void the warranty.



THE BioCharger NG IS NOT INTENDED FOR USE IN THE DIAGNOSIS OF DISEASE OR OTHER CONDITIONS, OR IN THE CURE, MITIGATION, TREATMENT, OR PREVENTION OF DISEASE, IN MAN OR OTHER ANIMALS.

To be eligible for the 45 day, money back guarantee and to ensure that you get the best possible experience with your BioCharger NG, you will need to schedule an onboarding session with us using the below link:

[Schedule an Onboarding Session](#)

Onboarding sessions typically take about 60 to 90 minutes to complete.

Aside from operating the BioCharger NG, and after spending about a week or two with your BioCharger NG, we require that you speak with our support team again; where we will guide you through advanced uses of your BioCharger NG and speak to you about any questions you may have regarding recipes for your BioCharger NG. You can schedule this part of the onboarding using the link below:

[Schedule an Advanced Training Session](#)

These sessions are typically 30 to 60 minutes in length.

Chapter 1

BioCharger NG Packing List

Your BioCharger NG will arrive in three separate boxes and these boxes contain a number of items. A detailed list and description are provided below.



- All of the tools required to assemble your BioCharger NG are provided to you.
- Please unpack the BioCharger NG materials carefully.
- You may need the help of an additional person unpacking the BioCharger NG base; the base weighs approximately 68 pounds/31kg.



Please save the shipping boxes and all packing materials. This will be critical for any RMA (return for repair) that is requested. Please see the Warranty Procedures section of the Owners Manual for additional details.

Chapter 1

BioCharger NG Packing List



1 x Coupling Nut



1 x Nylon Plug



1 x Arc Rod



1 x Wrench

Chapter 1

BioCharger NG Packing List



1 x Stylus

Only use the supplied stylus to operate screen in order to prevent electrical damage to screen.



1 x WiFi Dongle



1 x Reset Tool

Chapter 1

BioCharger NG Packing List



1 x Secondary Coil

- **ONLY HANDLE BY THE ENDS OF THE TUBE**
- **DO NOT TOUCH, SCRAPE, RUB OR OTHERWISE HANDLE THE SECONDARY COIL BY THE CENTER OF THE COIL WHERE THE COPPER WINDINGS ARE.**



1 x Toroid

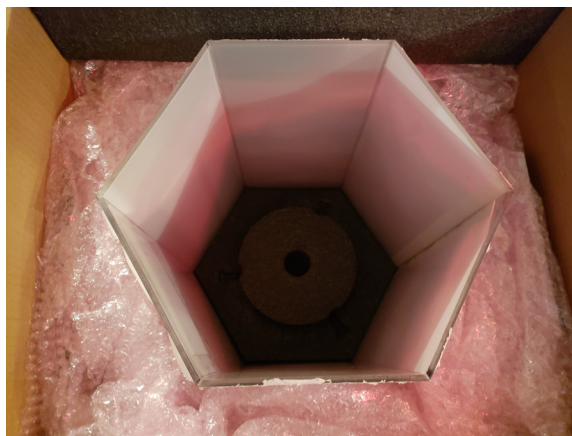
- There is not a "top" or "bottom" to the toroid.

Chapter 1

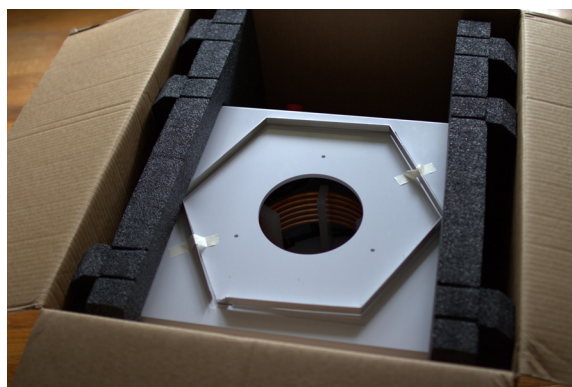
BioCharger NG Packing List



1 x Tube Carousel



1 x Outer Enclosure



1 x BioCharger NG Base

Chapter 1

BioCharger NG Packing List



2 x Ar (Argon)
2 x He (Helium)
2 x Kr (Krypton)
2 x Hg (Mercury Vapor)
2 x Ne (Neon)
2 x Xe (Xenon)



1 x Top Cover

Chapter 1

BioCharger NG Packing List



1 x Power Cable



1 x Power Cable with filter box



1 x 25 foot CAT5 network cable

Chapter 1

BioCharger NG Packing List



The included fluorescent bulb is an easy way to visibly demonstrate the presence of the invisible energy field of the BioCharger and that it charges your whole body. The bulb will illuminate within range of the energy field.



If any item from this packing list missing or damaged, **DO NOT** proceed with assembling the BioCharger NG and contact us immediately at:

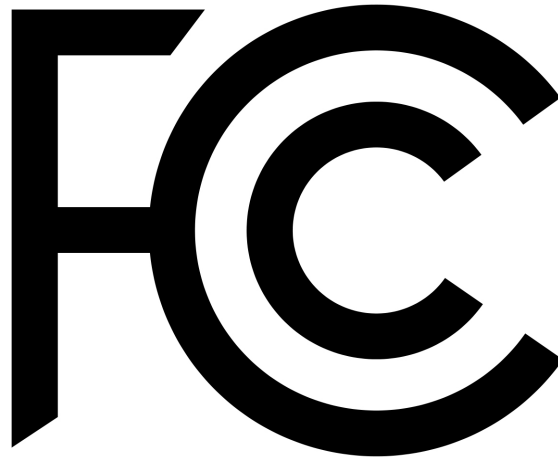
support@biocharger.com

508-694-7824

Chapter 1

Regulatory Compliance

This device complies with Part 18 of the FCC Rules.



This device complies with European manufacturing conformity standards having been tested and approved for the CE marking.

The BioCharger NG is not intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease, in man or other animals.

Advanced Biotechnologies, LLC
860 Route 134, Suite 3
South Dennis, MA 02660
PN: MODL-0114-6



Degree of protection (IEC 60529) IP 00

Chapter 2

Important Safety Information



CAUTION:DO NOT TOUCH

The arc rod emits radio frequency energy.

The arc rod may cause burns or injury to the skin or body upon contact.

Wait until after the cool down before touching or changing the arc rod.

Intended Use:



The BioCharger NG is a hybrid subtle energy revitalization platform. The transmitted energy stimulates and invigorates the entire body to optimize and improve potential health, wellness, and athletic performance. The BioCharger NG is completely non-invasive and has proven to restore strength, stamina, coordination and mental clarity. The BioCharger NG is intended to provide energy to the environment and those within the immediate environment by producing four unique subtle energies:

- Pulsed electromagnetic (PEMF)
- Electrodynamic
- Photonic
- Frequency harmonics

Chapter 2

Important Safety Information



Warning:
This equipment must be used in the manner indicated in these instructions.

Use for any other purpose may cause damage to the equipment, cause injury, or loss.

Warning:



The BioCharger NG must be used indoors and in a clean, dry environment.

Do not use near water, in high humidity, or in dusty areas.

Warning:



OPERATORS of the BioCharger NG are responsible for inspecting the equipment and noting any damage or defects.

The BioCharger NG should not be used if damage or defects are noted.

Warning:

Do not use the BioCharger NG without the system full assembled.

Do not use the BioCharger NG for any other purpose aside from the intended purpose.



Do not use the BioCharger NG to intentionally interfere with other electrical or electronic devices.

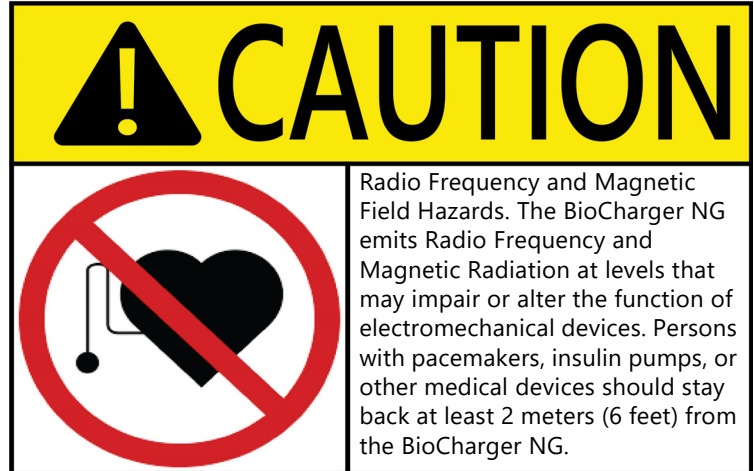
Do not make contact with the BioCharger NG with any conductive materials.

Do not modify the BioCharger NG.

Do not modify the arc rod or connect the arc rod to any other device or parts.

Chapter 2

Important Safety Information



The OPERATOR should provide a similar sign to the doors and at the location of the BioCharger NG.



Additionally a line shall be marked on the surfaces 6 feet (2 meters) away from the BioCharger NG to indicate the approach limit for persons with pacemakers, insulin pumps, a neurostimulator implant or other electromechanical devices.

It is necessary for the OPERATOR to refer to the instruction manual to preserve the protection afforded by the equipment. The equipment shall only be installed per these instructions.



A grounded power cord, as provided, shall be used.

The BioCharger NG produces large magnetic fields and individuals with electromechanical devices, such as pacemakers or insulin pumps, etc, should remain 6 feet (2 meters) from the BioCharger NG while it is running a recipe.

Chapter 2

Important Safety Information



The OPERATOR shall not access or touch the top assembly, noble gas tubes, arc rod, coupling nut, top cover, toroid, secondary coil, internal primary coil, covers or any internal components while the BioCharger NG is either plugged in to a power source and/or operating.

Turn off all power and let the BioCharger NG rest for 10 minutes before touching any components.

Some parts may be ELECTRICALLY HAZARDOUS LIVE.

The equipment must be isolated or disconnected from the HAZARDOUS LIVE voltage before access.



TERMINALS including top assembly, noble gas tubes, arc rod, coupling nut, top cover, toroid, secondary coil, outer enclosure are supplied from the interior of equipment at a voltage exceeding 1kV, shall be marked with the symbol shown.



Sufficient preventive maintenance and inspection information. The end user shall inspect the equipment and note any damage or defects.

The BioCharger NG should not be used if damaged or defective.



Statement of the range of environmental conditions. Typical lab conditions, do not use the BioCharger NG if the temperature where the BioCharger NG is located is above 90°F or humidity is above 75%.



Keep system dry and dust free. Moisture could cause failure or shock. Dust could cause overheating or fire.

Chapter 2

Important Safety Information



Ventilation requirements; the BioCharger NG must be provided with freely moving air. Fans and/or vents should not be covered or blocked.



Cleaning: Only clean the BioCharger NG after it has been powered off and allowed to rest for 10 minutes.

Use only a clean, dry cloth, free of lint and threads. A microfiber cloth, or something similar, is recommended.

DO NOT USE any cleaning agent that contains ammonia, alcohol, and/or solvents to clean your BioCharger. Only use products that are specifically designed to clean plexiglass. Using products that contain ammonia and/or solvents may damage and/or cause blemishes to your BioCharger.

Chapter 2

Contraindications

Because no controlled tests or studies have been run on these populations, the below items need to be followed and observed:

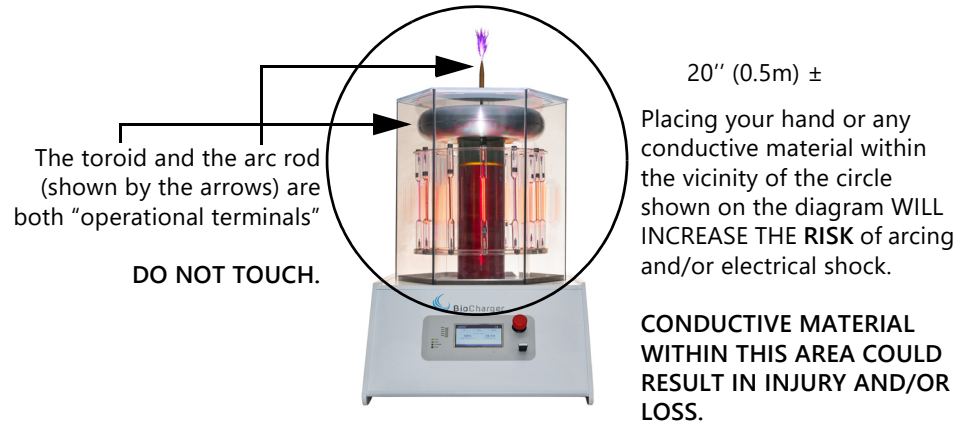
- Individuals with any electromechanical device, such as: a defibrillator, cardiac pacemaker, insulin pump, a neurostimulator implant etc, **MUST** sit at least 6 feet away from your BioCharger NG.
- Individuals with hearing aids, it is best to remove it prior to the BioCharger session. If it is unremovable, then it is recommended to sit at least 4-6 feet away from the BioCharger to minimize any interaction.
- Individuals that are known to have photosensitivity (I.E. Photoconvulsive Response, Epilepsy) should **NOT** use your BioCharger NG.
- Women who are pregnant should **NOT** use your BioCharger NG.
- Children under the age of eighteen (18) years old **MUST** be supervised by a parent or guardian during a BioCharger NG session.
- Individuals with chemotherapy ports that are metal based should **NOT** use your BioCharger NG.
- Individuals with metal plating in their heads should **NOT** use your BioCharger NG.

Chapter 2

Shock Hazard Diagram



Shock Hazard Zone



Operating the BioCharger NG on a conductive surface (e.g. cement, stone) floor will increase the risk of shock.

Chapter 3

Environment Check

Before you unbox your BioCharger NG, we want to make sure that the environment that you plan to operate your BioCharger in is suitable. As we mentioned before, your BioCharger is an advanced and sophisticated piece of equipment and there are things to take in to consideration before you assemble and operate your BioCharger.



The items specified in the Environment Check section only have to be followed for when your BioCharger is running a recipe.



Operating your BioCharger in an environment that does not follow these guidelines may result in damages and/or other loss and may void your warranty.



In the context of the BioCharger, the phrase “conductive material” will be understood to mean metallic materials, skin, plants, water, cement, stone, and marble.

General Environment

All of the below conditions must be followed while the BioCharger is running a recipe:

- Any large object made of conductive material will need to be *at least* 3 feet away from the BioCharger. This includes metal window frames and plants.
- Your BioCharger must be at least 3 feet away from any wall and 3 feet from the ceiling.
- Your BioCharger **cannot** be placed upon the floor and **MUST** be at least 15 inches above the floor to properly operate.
- DO NOT place any conductive material on top of the base OR the top protective covering.

Chapter 3

Environment Check



In almost all cases, walls and floors (even wood floors) contain large metallic objects inside or beneath them; such as air ducts, water pipes, steel studs (in commercial environments), rebar in cement, etc.

The primary coil, located in the base, inducts current to the secondary coil. If your BioCharger is too close to a wall, or is placed on a floor, that current can be inducted to another object instead of the secondary coil. This will cause stress to your BioCharger and can ultimately damage your unit.

- Your BioCharger **cannot** be operated in saunas, near hot tubs or in otherwise damp or wet environments.
- In a commercial environment, your BioCharger **cannot** be operated in the same room where the electrical mains comes in, or in a room where a transformer is installed.

Table / Platform

A mobile cart or a stationary platform must meet the below requirements:

- The minimum dimensions of the top surface must be at least 25in (L) x 25in (W) x 15 (H).
- The height of the table or platform must be at least 15 inches from the floor.
- The top surface area and legs must be made of non-ferrous and non-conductive material. Smaller pieces such as metal bolts, screws or wheel casters are fine.
- The cart or table must be able to comfortably support 100 pounds.
- A cart that we recommend is [this IKEA cart](#).

Chapter 3

Environment Check

Seating

- Chairs or other seating must be made of as much non-conductive material as possible.
- Standard table chair height (15 inches) is recommended.
- Individuals with any electromechanical device, such as: a defibrillator, cardiac pacemaker, insulin pump, a neurostimulator implant etc, **MUST** sit at least 6 feet away from your BioCharger NG.

In-Room Technology

- Any item such as flat screen TVs, computers or laptops, tablets, etc must be placed at least 6 feet away from your BioCharger.
- It is recommended that your BioCharger NG **NOT** be operated in the same room as your wireless router, if you have one. The energy field produced by your BioCharger will disrupt the wireless signal and will likely cause devices on your wireless network to lose their connection if your BioCharger is located in the same room as your wireless router.



RF Hazard: the system generates and emits Radio Frequency energy. This RF energy may be above limits for this energy, and this energy may cause injury or burns if contacted. Do not touch RF emitting parts or the conductive parts of the device when turned on. Turn off device before moving. Use of metal tables, or placing the system on a metal surface, may cause the table or surface to become energized and cause electrical shock or burn.

Chapter 4

Electrical Considerations



In the United States, a standard 110 volt/15 amp electrical outlet is required.

The BioCharger has been tested and used, without issue, in countries outside of the United States where other voltages are standard.

Regardless of your location, a verified working earth ground is required to safely operate your BioCharger NG.

At peak power, your BioCharger NG can draw up to 1100W.



Simply tying the ground of the electrical outlet to neutral is **NOT** sufficient. If you use the BioCharger NG on an improperly grounded outlet, you run the risk of:

- Damaging the BioCharger NG.
- Damaging other electrical equipment connected to other electrical outlets (even those outside of the room and on other electrical circuits).
- Creating a potentially hazardous environment.

Advanced Biotechnologies LLC **WILL NOT** WARRANTY a BioCharger NG that is currently known to be, or has been discovered to be, connected to a KNOWN OR DISCOVERED TO BE incorrectly grounded outlet.



Arc type circuit breakers are prone to tripping when running high power recipes, especially in locations where earth/ground lugs/wires are not sufficiently tight or lacking.

Chapter 4

Electrical Considerations



If you connect your BioCharger NG to an uninterruptible power supply (UPS), then you will need to ensure that the UPS has a wattage rating of 1450W or greater.

Note that this 1450W rating is for when the BioCharger is the only item plugged in to the UPS.

If there are other items plugged in to the same UPS as your BioCharger, then you will need to ensure that your UPS is able to supply 1450W plus the additional wattage to properly power the additional devices that are connected to the UPS.

Chapter 5

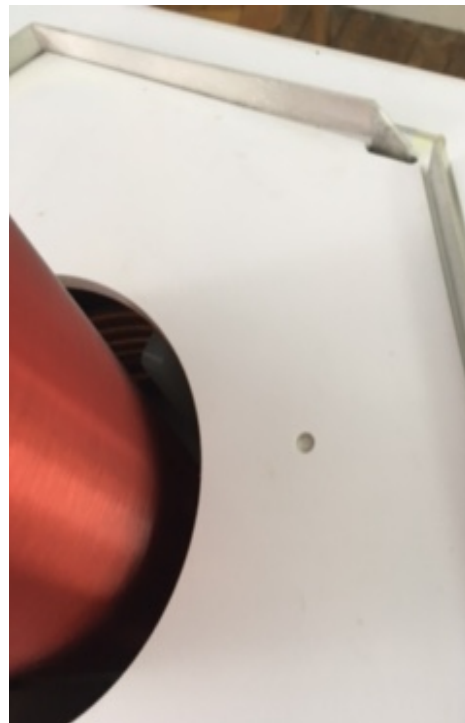
Assembling Your BioCharger NG

If you have questions regarding what a specific item is or what it may look like, please refer to the BioCharger NG Packing List at the beginning of this document.

1. Place the base of the BioCharger NG on top of the table or cart that you will be using.
2. On the base of the BioCharger NG there are three (3) pieces of tape holding the metal grounding strip in place; remove those pieces of tape.
3. Remove the secondary coil from its box.
 - Only handle the secondary coil by the ends of the tube.
 - **DO NOT** touch, rub, or scrape the red coating. This is a soft coating meant to protect the copper wiring of the secondary coil.
 - Carefully inspect the coil. If you happen to notice any defects with your secondary coil, please send pictures of the defects to support@biocharger.com
4. There is a bolt inside the base of the BioCharger NG; located in the center of the base. Screw the secondary coil on to this bolt.
 - **DO NOT** over tighten the secondary coil.
 - Once the secondary coil is snug, do another quarter (1/4) turn on the secondary coil.
5. If the tube carousel has a protective film on top of it, remove the film.
6. Slide the tube carousel over the secondary coil. Make sure not to scrape or rub the red protective coating on the secondary coil. There are three (3) divots on the base of the BioCharger NG. The legs of the tube carousel have notches that will rest inside of these divots. See pictures below:

Chapter 5

Assembling Your BioCharger NG



A Divot



Carousel resting inside divot

Chapter 5

Assembling Your BioCharger NG

7. There are no specific instructions to handling the Spectrum Tubes other than handling them with care. Touching the glass itself is perfectly acceptable. The orientation of the tube is to place the tube with the protrusion on the bottom and center facing in toward the secondary coil. Please see picture below:



Install the spectrum tubes according to the diagram located on the next page:

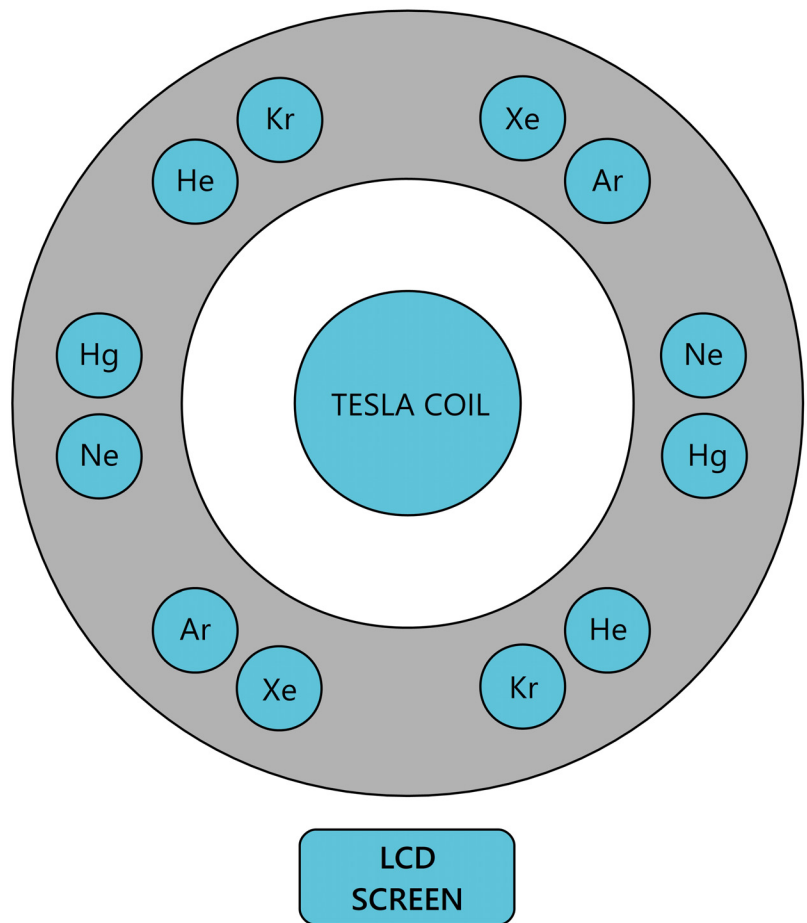
Chapter 5

Assembling Your BioCharger NG

Spectrum Tube Placement

The provided spectrum tube set consists of two sets of six tubes. We recommend that they be placed in a mirrored configuration. For your reference, the abbreviations are as follows:

Ar	He	Kr	Hg	Ne	Xe
Argon	Helium	Krypton	Mercury Vapor	Neon	Xenon



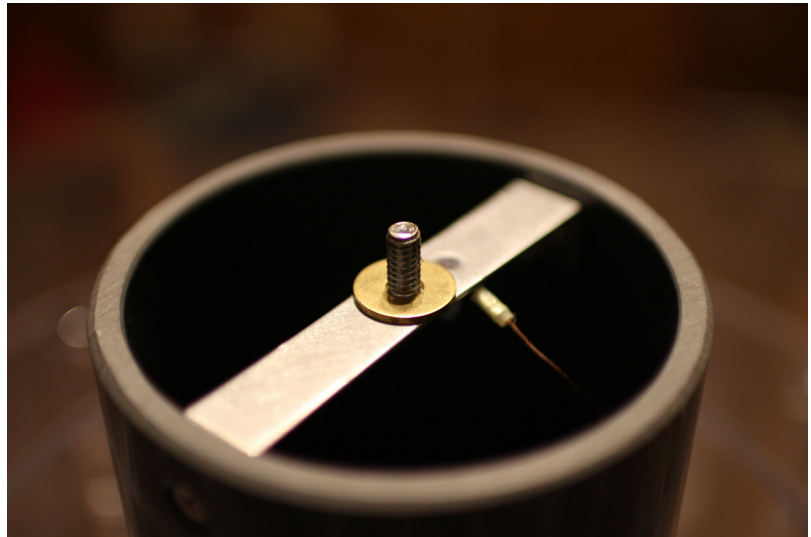
Chapter 5

Assembling Your BioCharger NG

9. The white box will have these items in it:

- ☐ 2 flat brass washers
- ☐ 1 brass lock washer
- ☐ 1 brass coupling nut

10. Take one of the flat brass washers and place it on the bolt on top of the secondary coil:



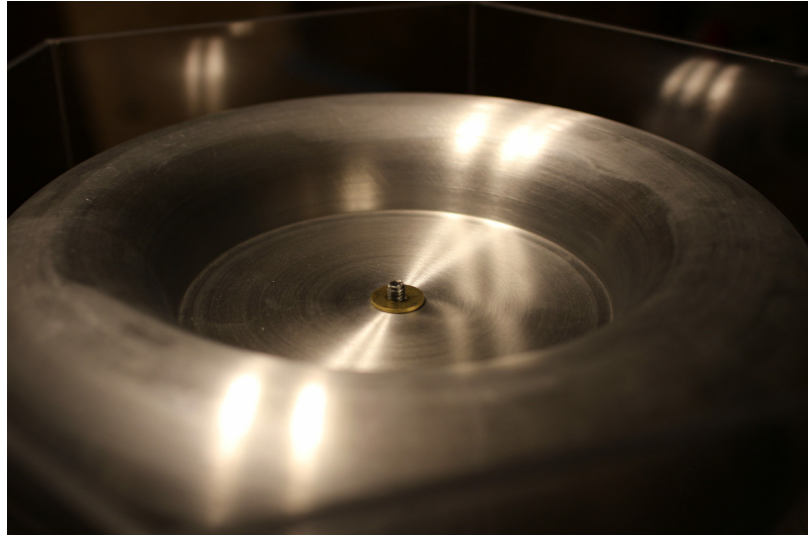
11. Install the 12 inch silver toroid:



Chapter 5

Assembling Your BioCharger NG

12. Install the second flat brass washer on top of the 12 inch silver toroid:



13. Install the brass lock washer on top of the flat washer:



Chapter 5

Assembling Your BioCharger NG

14. Install the brass coupling nut:



15. You will want to tighten the brass coupling nut almost as tight as you can. You'll want to make sure that you do not strip it, but you do want to ensure that this part of the assembly is tight. Use the provided wrench to make sure it is tight.
16. Remove the protective film on the outside of the plexiglass outer enclosure, if included on your BioCharger NG.
17. Slide the plexiglass outer enclosure over the spectrum tubes and secondary coil. The outer enclosure will rest within the hexagonal slot on the base of the BioCharger NG. The metal grounding strip will rest inside of the plexiglass outer enclosure.
18. Remove the protective film from the hexagonal white top cover, if included on your BioCharger NG.
19. Place the hexagonal white top cover on top of the plexiglass outer enclosure.
20. **Arc rod vs black nylon plug:** At this point of the assembly, we would like to make you aware of the difference between the brass arc rod and the black nylon plug:
The arc rod does produce a small amount of negative ions and ozone. The arc rod, by its nature, is also noisy. Also, all BioCharger NG units will have the ability to play audio and to do so will require the use of the arc rod. **The audio play back feature has *not* been released yet.**

Chapter 5

Assembling Your BioCharger NG

The black nylon plug is provided if sound is a consideration. If you wish to run your BioCharger NG silently, then you will need to use the black nylon plug. **You will not lose any functional benefits of your BioCharger NG by using the black nylon plug.**

21. Once you have selected the arc rod or the black nylon plug, it will screw in through the hole in the top of the top cover and screw in to the coupling nut. You will want to tighten either option hand tight.
22. If you are going to connect your BioCharger NG to your wireless network, plug in the provided **USB WiFi Adapter** in to the USB port under the red Emergency Shut Off Button on the front panel of your BioCharger NG.

Power Cord Assembly

1. There are two power cords that come with your BioCharger NG. One power cord will have an in-line filter box and the other will be a regular power cord.
2. The power cord with the in-line filter box will connect to the back of the BioCharger NG. This power cord will plug in to the power connector that is next to the power switch on the back side of the BioCharger NG.
3. The regular power cable, the one without the in-line filter box, will plug in to the other end of the power cable that does have the in-line filter box.
4. Plug the wall outlet connector in to a surge protector.
5. Make sure that the surge protector is plugged in to a properly grounded wall outlet.

Chapter 5

Assembling Your BioCharger NG

When the BioCharger NG is shipped to you the Emergency Shut Off Button is engaged. Make sure you disengage the Emergency Shut Off Button, turn clockwise and then release. The Emergency Shut Off Button should pop out.

Now that you have assembled your BioCharger NG, make sure you schedule your onboarding session with us using the below link:

[Schedule an Onboarding Session](#)

If you did not assemble your BioCharger NG, you can schedule your onboarding and we can walk you through it.

Make sure you have Zoom downloaded before the zoom meeting: [How to setup Zoom.](#)

Join the Zoom meeting at the time you requested and we will have you educated in using your BioCharger by the end of the meeting.

During your initial onboarding with us, we will help you configure and connect your BioCharger NG to your WiFi network.

If you would like to try to connect your BioCharger NG to the Wifi you can watch our Support video on how configure your BioCharger NG to your wireless network. Here is the link: [Connecting Your BioCharger NG To Your Wireless Network.](#)