

Contents of package



1. Power inverter unit Life Pulser 600V x1
2. Magnetic coil with power lead and plug x1
3. Power supply unit cable x1

WARNINGS

Please follow these warnings/precaution to prevent damage, injury and death! This device is absolutely lethal if misused or abused!!!

1. Do not attempt to open the inverter unit, ABSOLUTLY LEATHAL VOLTAGE AND CURRENT INSIDE!!! Only trained personal should attempt maintenance or repair.
2. Do not use the unit if any cables are frayed or damaged! The risk of electric shock increases! Damage to the inverter unit is also evident.
3. Do not use the output of the inverter unit for any other function than what the unit is designed for, damage to the unit may result!
4. Do not place any metallic objects on the center of the coil as they will be projected at high velocity and may cause injury or damage, therefore remove any metallic objects from your person before using!!!
5. Do not use if you have a pacemaker or any other electronic implants!!!
6. Do not place the coil near electronic devices including the inverter unit as this could cause damage. Do not use the pulser near (50 cm/1.6 Feet) any magnetically sensitive products or devices i.e. credit cards, tapes, hard drives of computers/laptops, watches, cameras, display panels (LCD, Plasma or CRT) etc. as partial or complete damage can occur to these products!
7. For added safety, use a power outlet with ground/earth lead, i.e. three terminal plug and socket.
8. Place the coil on a soft surface to prevent damaging the epoxy coating and prolonging the life of the coat and the coil. Do not drop the coil unit, this will cause damage! Unplug wires by the plug of the cable, do not pull on the cable to unplug as this could damage the connections of the wire on the plug making the unit inoperable!
9. Do not obstruct the fan inlet and outlet, this will cause the inverter unit to heat up and malfunction.
10. The coil gets very hot after a few minutes of operation! The pulser can still be used if you take precautions to prevent burns, i.e. place a towel on your skin to prevent direct contact. The coil unit is equipped with a temperature sensor that will prevent the inverter unit from delivering anymore pulses when the temperature of the coil reaches 60°C. This is done to protect the coil epoxy from getting damaged and reducing the life of the coil unit.

Magnetic pulser features (HW ver 1.3, SW ver 1.6)

1. Supply input is from 100 - 240V AC 50/60Hz via a IEC connector. Input to device is EMI filtered and fuse protected on the live and neutral lines (medical grade).
2. Protection mechanisms: Over current output shut down, 500A peak. Coil over temperature shut down. PSU over/under protection shut down. Output stage is isolated from the chassis and mains supply via a medical grade high isolation and low leakage power supply unit.
3. Voltage setting, output current level and pulse rate:

Voltage across capacitors at peak current with original 2mH coil

610V mode – peak current 306A - 556ms

510V mode – peak current 255A - 357ms

410V mode – peak current 205A - 234ms

310V mode – peak current 155A - 139ms

210V mode – peak current 105A - 072ms

4. Manual and auto pulse rate setting. In auto mode an optional delay is possible from 100ms to 25.5s.
5. Continuous operation or safety counter setting mode. Safety counters offer extra safety by shutting down the inverter unit after a predetermined number of pulses has been reached. The count values depends on the voltage level selected.
 - 610V - 100 counts to shut down
 - 510V - 150 counts to shut down
 - 410V - 200 counts to shut down
 - 310V - 220 counts to shut down
 - 210V - 255 counts to shut down
6. Count history for each voltage mode. This feature indicates the use of the unit, useful in determining the life of the unit. The unit will last many hundreds of thousands of pulses of operation, a good way to measure the unit has performed to its life capabilities before failure occurs.
7. Constructed using the highest quality components and the design is over engineered for the highest reliability. Also, the components are over rated for extra durability and life.
8. Inverter unit can be stored vertically to save space. Do not use the unit in this orientation.



Vertically standing the inverter unit is possible due to the spacer feet on the rear of the unit.

9. Assembled by hand with the best over rated components on the market for long life and durability.



10. Full support for repairs and maintenance.

Powering up the inverter

1. Before you plug the power cord, **the coil must be attached!** Damage to the coil plug and coil connector on the inverter unit can occur if the unit is operating and the coil plug is removed! The first image below shows the coil plug, this plugs in on the front of the inverter unit. It has slots on the front of it and can only be plugged in a certain way. Once inserted, twist the plug clockwise to lock it in, you will hear a click. The click is the locking lever (silver tab on the plug). To remove the plug, pull back on the silver tab with your thumb, turn anti-clockwise then pull out the plug.





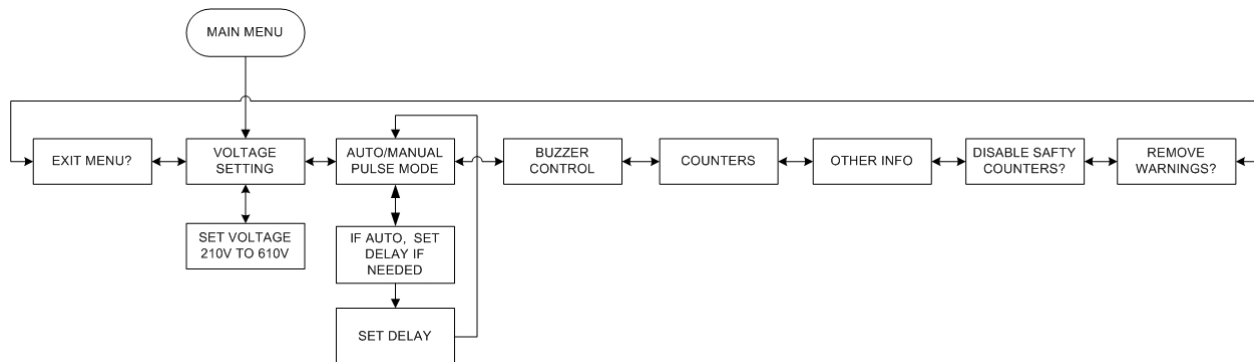
2. Plug in the IEC power lead to the inverter.
3. Turn on the power switch on the rear of the inverter unit if off (located below IEC plug).
4. Several messages will appear on the display before the message "----STAND BY----" is displayed.
5. At this point you can access the MENU or start the pulser running on its last setting by pressing the power button (red button). You can stop the inverter unit pulsing by pressing the power button again (red button).

MENU

To access the MENU to make changes, this is done while the inverter unit is in STAND BY mode i.e. not pulsing. You cannot access the MENU while the unit is running. Pressing the MENU/SELECT button (yellow button) gives you access to the settings.



A flow chart is given below to give you an idea of where you are in the MENU. You will navigate the MENU using the navigate buttons (black and blue buttons) as shown in the diagram. To select a MENU item to make changes or view data on that MENU item, the MENU/SELECT button should be pressed to enter that selection. Once a selection in that MENU item is picked, the MENU/SELECT button should be pressed again to exit back to the MENU flow as before.



MENU - **EXIT MENU?**

Once in this mode "**EXIT MENU?**" displayed, pressing the MENU/SELECT button takes you out to the STAND BY mode ready for running. The power button is used to start and stop the inverter with the selections made. If you press one of the navigation buttons (black or blue button), this takes you to the "**VOLTAGE SETTING**" or "**REMOVE WARNINGS?**" menus. Note, you need to exit the MENU via "**EXIT MENU?**" for the settings to be stored.

MENU - **VOLTAGE SETTING**

This menu item selects the output power of the unit by setting the set point voltage the capacitors are charged to. A higher voltage setting gives higher magnetic flux output and greater reach/depth. It takes

more time to charge to higher voltages, therefore the pulse rate reduces at higher voltage settings. The opposite is apparent at lower voltages.

To enter this MENU option, press the MENU/SELECT button when "**VOLTAGE SETTING**" is displayed. The current voltage setting will be displayed on the screen. Navigate left to decrease or navigate right to increase. The lowest setting is 210V and the highest setting is 610V. Once the desired voltage setting (power level) is selected, press the MENU/SELECT button to exit to the MENU. You will return to the "**VOLTAGE SETTING**" being displayed on the screen. Navigate left or right to other MENU options. Note, make sure you reach the "**EXIT MENU?**" screen and press the MENU/SELECT button to exit and save your settings when you are done.

MENU - **MAN_AUTO MODE**

This MENU item lets you set the unit to continuously pulse the unit automatically or manually trigger the pulse output by pressing the MANUAL TRIGGER button (blue button). There is also an optional delay in the AUTO setting MENU.

Press the MENU/SELECT button to select the "**MAN_AUTO MODE**" MENU. The top of the screen displays the current mode "**AUTO MODE**" or "**MANUAL MODE**". To change modes read the bottom part of the display to navigate to the desired mode. The arrow direction indicates which navigation button to press. To exit to the main MENU, press the MENU/SELECT button.

If the "**AUTO MODE**" is selected by pressing the MENU/SELECT button to select it, there is an additional MENU section for setting an optional delay between pulses. "**SET DELAY**" will be displayed on the top line of the display and "**MENU TO EXIT**" on the bottom line. If the MENU/SELECT button is pressed, no delay will be added and you will exit to the main MENU and "**MAN_AUTO MODE**" will be displayed, you can navigate the rest of the MENU. If one of the navigation buttons is pressed, this will access the "**DELAY**" MENU. Navigating left decreases the delay by 100ms, while navigating right increases the delay by 100ms. Once the desired delay is selected, you can get to the main MENU by pressing the MENU/SELECT button. If you would like to remove the delay, there is no need to set the delay value to zero, just select "**AUTO MODE**" and press the MENU/SELECT button again to skip the delay to exit to the main MENU.

MENU - **BUZZER CONTROL**

This menu, if selected by pressing the MENU/SELECT button when "**BUZZER CONTROL**" is displayed, enters this MENU enabling a buzzer to be heard every time a pulse is delivered or to disable it. Use the navigation buttons to select "**ON**" or "**OFF**". Press MENU/SELECT button to exit to main MENU after your selection is made. Note, enabling the buzzer slows the pulse rate by 20ms since this is the time needed for the buzzer to be audible.

MENU - COUNTERS

This menu if selected by pressing the MENU/SELECT button when "COUNTERS" is displayed, will allow you to view the number of pulses in each power mode (voltage setting). You can use the navigation buttons to check each power mode and the count value. To exit, press the MENU/SELECT button, this takes you to the main MENU. This feature gives a good idea of the use of the inverter unit and how much stress it has been through.

MENU - OTHER INFO

This menu if selected by pressing the MENU/SELECT button when "OTHER INFO" is displayed, gives the following information:

Hardware version, software version, serial number, model number, place of manufacture and manufacture date of the inverter unit. It is self cycling and takes you back out to the main MENU.

MENU - DISABLE SAFETY COUNTERS?

Continuous operation or safety counter setting mode. Safety counters offer extra safety by shutting down the inverter unit after a predetermined number of pulses has been reached. The count values depends on the voltage level selected.

610V - 100 counts to shut down
510V - 150 counts to shut down
410V - 200 counts to shut down
310V - 220 counts to shut down
210V - 255 counts to shut down

This menu if selected by pressing the MENU/SELECT button when "DISABLE SAFETY COUNTERS?" is displayed, takes you into this MENU. Once in, "SAFETY -OFF-" or "SAFETY -ON-" will be displayed. To change between "ON" and "OFF" press one of the navigation buttons, left for "ON" and right for "OFF". Press MENU/SELECT button to exit to main MENU.

MENU - REMOVE WARNINGS?

This menu if selected by pressing the MENU/SELECT button when "REMOVE WARNINGS?" is displayed, will allow you enable or disable the warning message "-WARNING", "USE AT OWN RISK!" with 3 seconds delay that appears every time the unit has been powered up, every time a pulse session has completed and every time the pulser is manually stopped by pressing the power button. To change between "ON" and "OFF" press one of the navigation buttons, left for "OFF" and right for "ON". Press MENU/SELECT button to exit to main MENU.

NOTE: Remember, always exit the main MENU by navigating to the "EXIT MENU?" display and press the MENU/SELECT button to exit to the "----STAND BY----" display. This is done to save the settings, do not turn off the unit or settings will be lost.

Warning/Error Messages

These warning/error messages will appear if a condition is occurs and cannot be disabled. They are informative and necessary.

No Coil Error

You need to plug in a coil unit for the pulser to operate. This is done to protect the pulser connector and coil plug contacts from being damaged while the unit is being powered up. If there is no coil connected to the pulser when you press the POWER button, the following message is displayed "---NO COIL---", "CONNECT COIL-". Once a coil is connected and the POWER button is pressed, the pulser will work normally. **NO NOT DISCONNECT THE COIL WHILE THE PULSR IS WORKING!!!**

Coil over temperature

If the coil temperature gets over 60 degrees Celsius, it will trigger the coil over temperature warning and disable the pulser unit. The message "COIL OVER TEMP", "REPLACE COIL OR", "ALLOW TO COOL". When you get this message, the fan on the rear of the pulser will stay on. This feature is to aid in cooling the coil by placing it in front of the fan on the rear of the unit. Alternatively, if you have a second coil, the hot coil can be exchanged with the second one to continue with a session.

PSU Fault

If you get this error message "PSU FAULT", there may be a serious fault with the pulser unit or there may have been a temporary mains power supply disruption. If after attempting a second power up and getting the same error message, the inverter or output stage of the pulser may be damaged and a repair needs to be performed on the unit. If after powering up and the unit operates normally, this may be the later issue, mains power supply disruption.

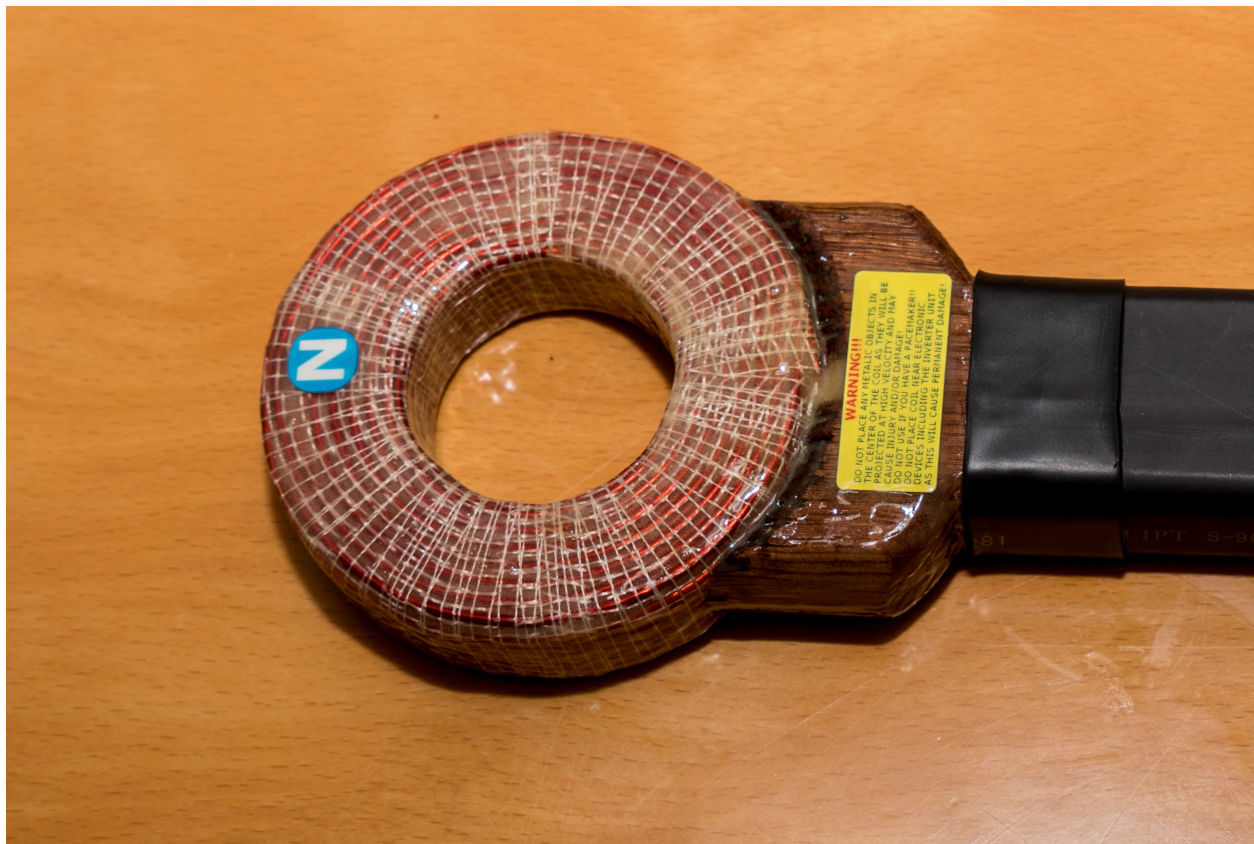
Using your Pulser

Use the north pole of the coil marked with an “N” facing your body, symbol shown below:



Any part of your body may be pulsed, however be careful when it comes to metallic implants which you may have in your body. Remember metallic objects will be attracted if magnetic and repelled if non magnetic, strength of attraction or repulsion depends on distance and mass of object. Pacemakers should be avoided at all costs, better not to use this product at all if you have one. Do not take any drugs two to three hours before pulsing and thirty minutes after pulsing to avoid rapid absorption of any drug, which may cause adverse effects, this includes caffeine and alcohol. Be careful if you have mercury based tooth fillings, mercury tends to leach more into your body when micro currents are induced by the pulser.

The area of greatest intensity is the internal area of the coil. Also pulsing the coil as close as possible to the site helps with power intensity.



This side of the coil faces your body.

Getting Started

The unit is very powerful and it is easy for someone to misuse the device. As a guide, start with one to two pulses per unit area per day. A noticeable difference is felt anywhere from 5 minutes to 30 minutes depending on your physical fitness, age and extent of injury or sickness (the longer you have had an injury or sickness, the longer the therapy needs to be repeated before results appear). If after your first pulse session you do not feel a difference, increase the exposure from ten to twenty per unit area per day. Increase your exposure until you feel a difference and keep to that level. There is no need to over pulse as this becomes harmful than productive.

Side Effects

If you are heavily infected with microbes and over use the device the first time to neutralizes these microbes, your body will have a huge load of toxins to deal with (Herxheimer reaction). It is important to drink plenty of water before and after treatment to help with flushing. Failure to do so may result in your body reacting to the heavy load of toxins it has to flush out. Symptoms can range from energy loss, mild headaches, nausea, fluid retention under the skin in the form of swelling, break out of pimples on the skin, kidney pain and liver pain. These symptoms are the result of your body flushing out these toxins through the kidneys, liver and skin, however in a drastic way. So, start slowly and increase your exposure gradually to minimize the side effects. After your third treatment, the side effects usually will not be noticeable.

Tested and confirmed treatments

Period pain – 2 to 10 pulses per unit area over the uterus

Migraines and headaches – 1 to 2 pulses per unit area all over the head

Inflammation of any type – 5 to 10 pulses per unit area at sight

Muscle and joint pain – 10 to 255 pulses per unit area at sight

Back joint pain – 10 to 50 pulses per unit area at sight

Ear infection and pain – 1 to 2 pulses per unit area over the ear

Sinus infection and congestion – 1 to 2 pulses per unit area over the sinus area

Common cold treatment – 1 to 2 pulses on areas of discomfort and lymphatic nodes

Thyroid complications (hyper and hypo) – 1 to 2 pulses per unit area on the thyroid gland

Intestinal distress – 1 to 2 pulses per unit area over intestines

Cyst treatment and removal – 5 to 10 pulses at location of cyst

Treating Pain in Muscles and Joints

When it comes to treating pain, use a session of 10 to 255 pulses at the default high power mode on the site area of the pain and pulse at different locations on and around the pain, i.e. if you have knee pain, pulse the front, sides and back of the knee joint.

Headaches and Migraine

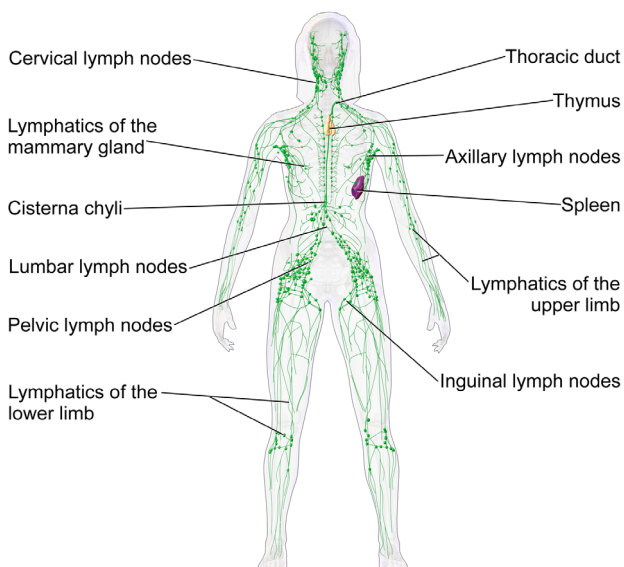
For migraines, pulse the head in high power mode (510V or 610V) at different locations once per unit area of your head. You may see a white flash when the coil discharges near your eyes, don't be alarmed. You may wish to slowly increase the power levels applied by starting at a distance of 5cm and gradually reduce the distance to zero. This treatment may also help people suffering from depression, since after pulsing you feel trouble free, positive and relaxed.

Drink plenty of **water** 5 to 7 glasses (**PLAIN WATER, NOT SOFT DRINKS OR COFFEE**) before and after the pulsing to help your body flush out impurities. Do not take any medications before and after pulsing since the absorption of the drug is enhanced in the area of pulsing. If you do not do this you will feel anything from a sensation of feeling very tired to feeling nauseous. You may feel like having a nap, do so. You do not need to pulse your head again if done correctly. If you still have a headache, wait for three days to pass before you pulse again. It may take time for your head to clear up.

For headaches, follow the same procedure in low power mode (310V, 410V).

Lymphatic Cleansing

Again, drink plenty of **water** 5 to 7 glasses (**WATER NOT SOFT DRINKS OR COFFEE**) before and after the pulsing to help your body flush out impurities. Pulse all lymphatic nodes on your body pulsing once or twice in high power mode (610V).



Blausen.com staff (2014). "[Medical gallery of Blausen Medical 2014](#)". *WikiJournal of Medicine* 1 (2). DOI:10.15347/wjm/2014.010. ISSN 2002-4436.

Athletic Performance Enhancement

For pushing the limits in performance and fast recovery in competitive sports. Pulse 30 minutes before event, 10 to 20 pulses per unit area. After event pulse to aid with faster healing and to relieve pain if any.

Note, pulsing before event relaxes the nerves and may impact response time. Also less pain is felt and the athlete may push harder than normal, which could cause more than usual damage.

Why and how?

The magnetic pulser is a controversial medical device pioneered by Dr. Robert C. Beck (AKA Bob Beck) who has devised a protocol for treating almost any illness or condition.



Dr. Robert C. Beck

Results are more effective (rapid) with an alkaline rich diet in fresh fruit and vegetables. Follow a Bob Beck protocol for best results.

Specifications**Power input:**

Input:	100-240VAC, 50/60Hz Grounded with EMI
Plug type:	IEC - EMI filtered medical grade
Safety fuses:	T2A for 230VAC, T4A for 110VAC

Inverter unit:

Conversion efficiency:	>90%
Output voltages:	210V, 310V, 410V, 510V and 610V
Output currents:	Voltage across capacitors at peak current with 2mH 610V mode – peak current 306A 510V mode – peak current 255A 410V mode – peak current 205A 310V mode – peak current 155A 210V mode – peak current 105A
Cycle times:	610V mode - 556ms 510V mode - 357ms 410V mode - 234ms 310V mode - 139ms 210V mode - 072ms
Energy storage:	610V mode - 119J 510V mode - 83J 410V mode - 54J 310V mode - 31J 210V mode - 14J
Capacitor:	x2 320uF, 700V, ESR 0.1 mohms, Vishay DC link metal film
Life:	+2000 hours of operation at full magnetic power at standard room temperature (over 4.5 million pulses at low power mode and over 2.8 million pulses at high power mode)
Physical attributes:	Enclosure material -> 305 Stainless steel and aluminum.

Weight -> 5.550 Kg

Dimensions -> 31.5 cm (depth including rear spacer feet and front handles)

12 cm height (including feet)

24.5 cm width (body)

28 x 11 cm (front panel)

Coil unit:

Dimensions: 32cm x 9cm x 2.5cm

Weight: 1.1kg

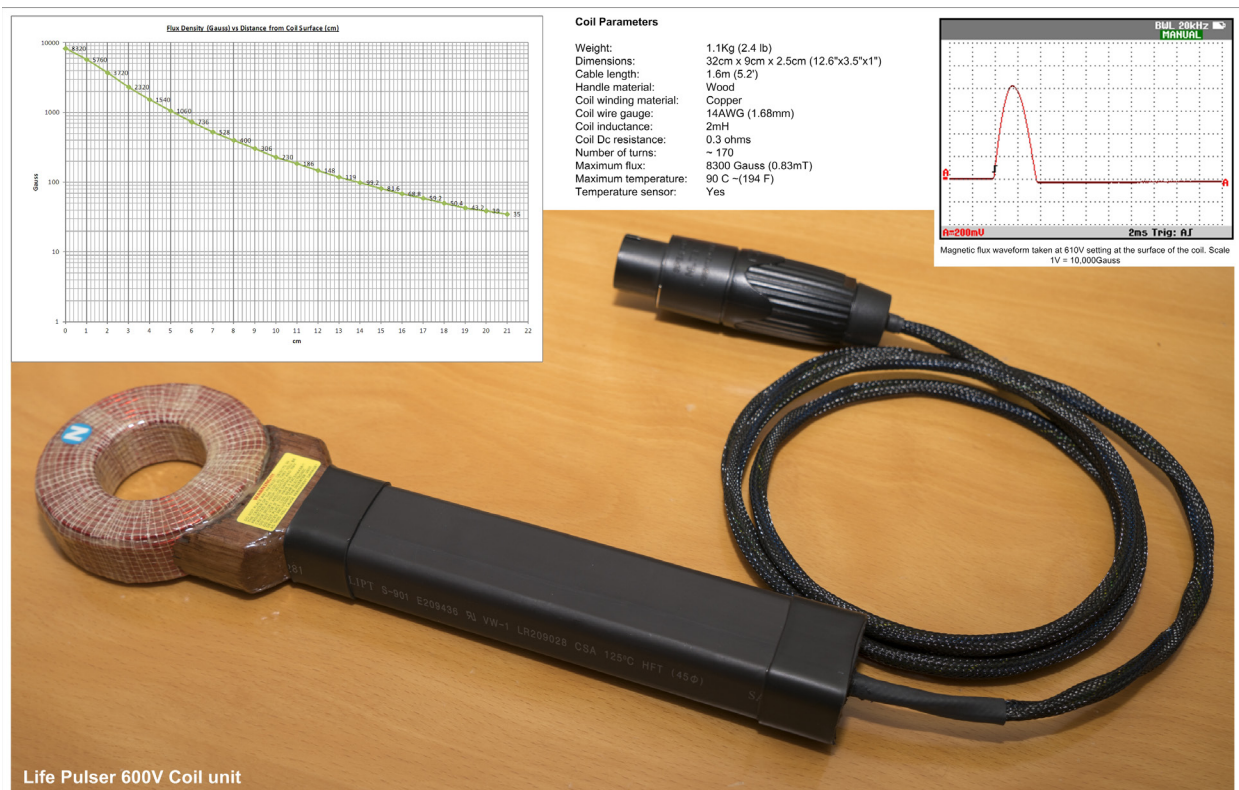
Cable lead length: 1.6m

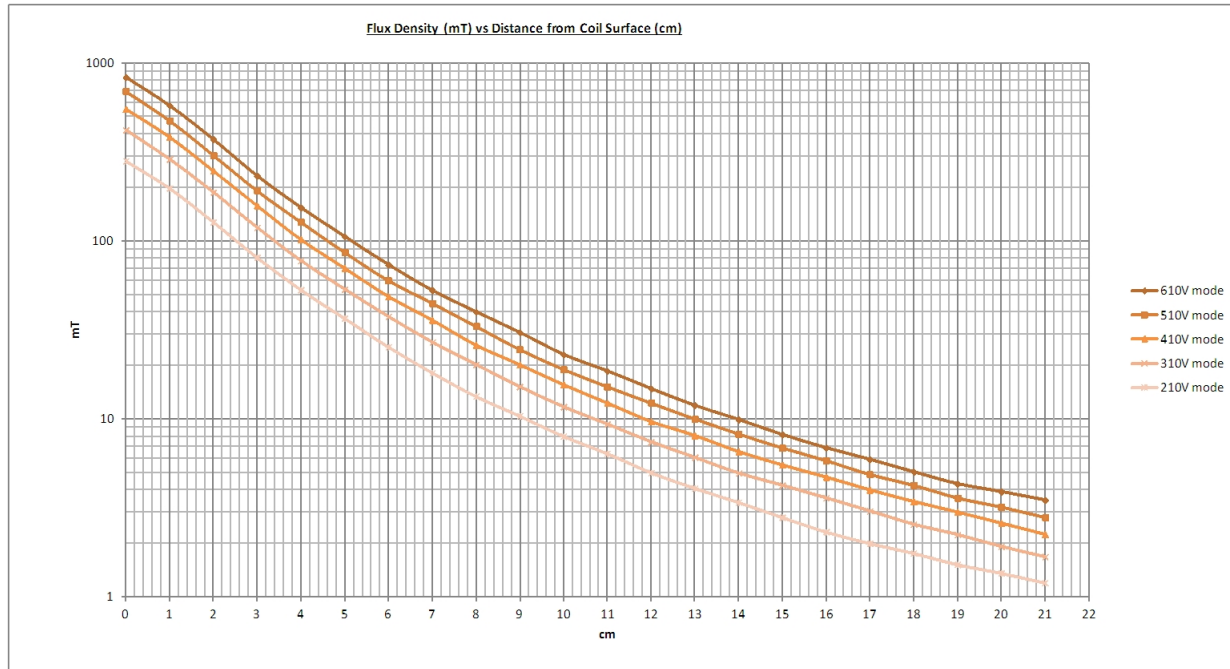
Coil wire gauge: 14AWG (1.68mm)

Coil inductance: 2mH

Coil DC resistance: 0.3 ohms

Number of turns: ~170





Ideal Operating Conditions

Operating Temperature range: 0 - 40 degrees Celsius (32 - 104 degrees Fahrenheit)

Operating Humidity Max: 60% (non condensing)

Operating Altitude: 0 to 4Km above sea level

Note: These are ideal operating conditions, they may be exceeded however performance and reliability issues may result.

Cleaning and care

To clean the stainless steel parts of the unit, use a damp micro fiber cloth with a small amount of dishwasher soap. The same may be done with the coil unit. You may use alcohol to disinfect both the coil and main unit. **Do not use acetone, chlorine, sodium hydroxide or any aggressive cleaning compounds.**

For more data and updates, visit: <https://www.lifepulser600v.com/>