

## Downloading Mecc Alte AVR Alarm Log - (DSR, DER1, DER1A, or DER2A)

In case of a warranty failure or diagnostics for after failure you may need to pull the alarm Log from a Mecc Alte AVR where you can't power it from the generator. **NOTE: This is for downloading only.**

### Items Needed:

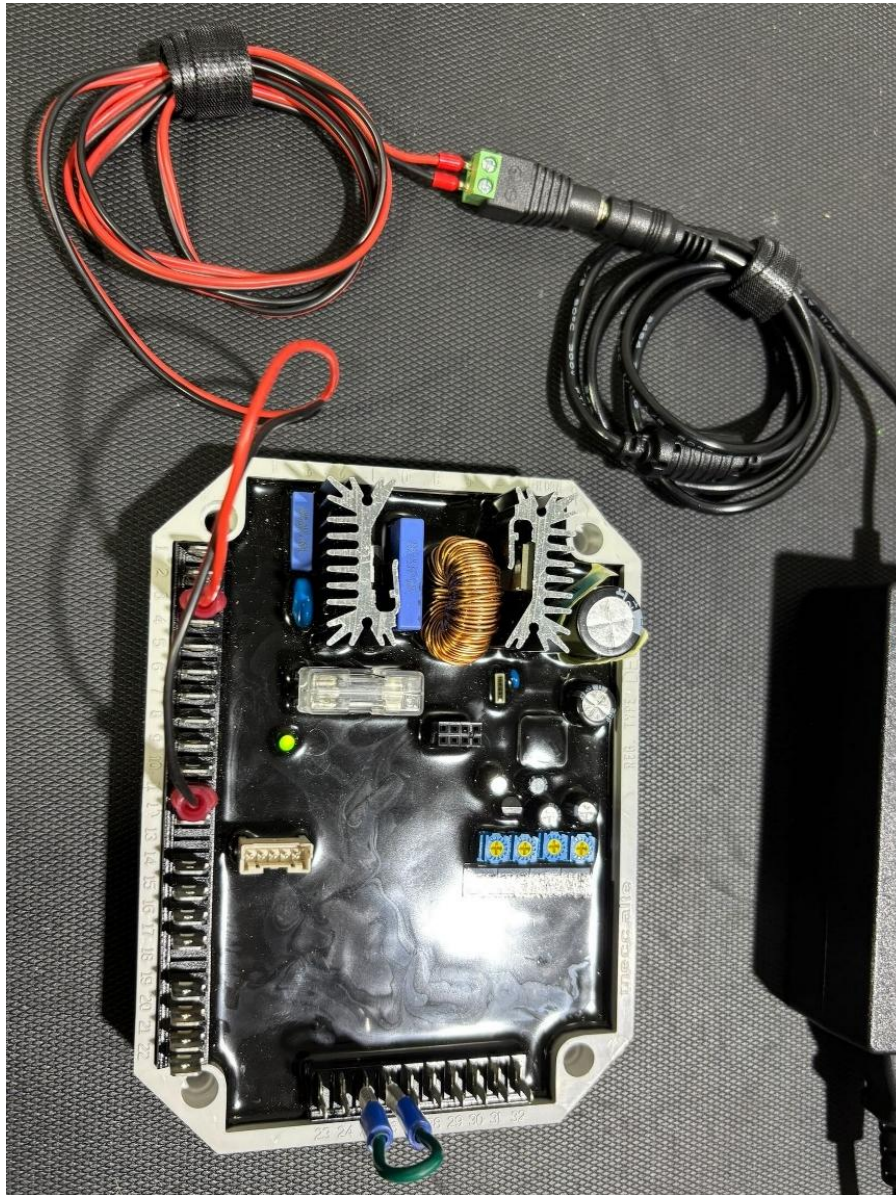
- Mecc Alte 'DXR Terminal' Software (Available at <https://www.meccalte.com/en/download-area> Scroll down to Software, Click on DxR Terminal – Software to download)
- QTY 1 - Mecc Alte DXR2USB Dongle (Mecc Alte PN 4505005608 - JCB PN 400/02986)
- QTY 1 - 48VDC Power Supply and Female DC Power Connector (5.5mm x 2.1mm) (Various Online Suppliers)
- QTY 2 – Red Insulated Female Spade Connectors
- QTY 1 - Red and Black 16/18 gauge stranded wire (1 to 2 feet in length)



## TECH TIP – Power Products Generators



**Step 1:** Build the assembly shown below using the 48 Vdc power supply, female DC power connector, red and black wire and red insulated female spade connectors.

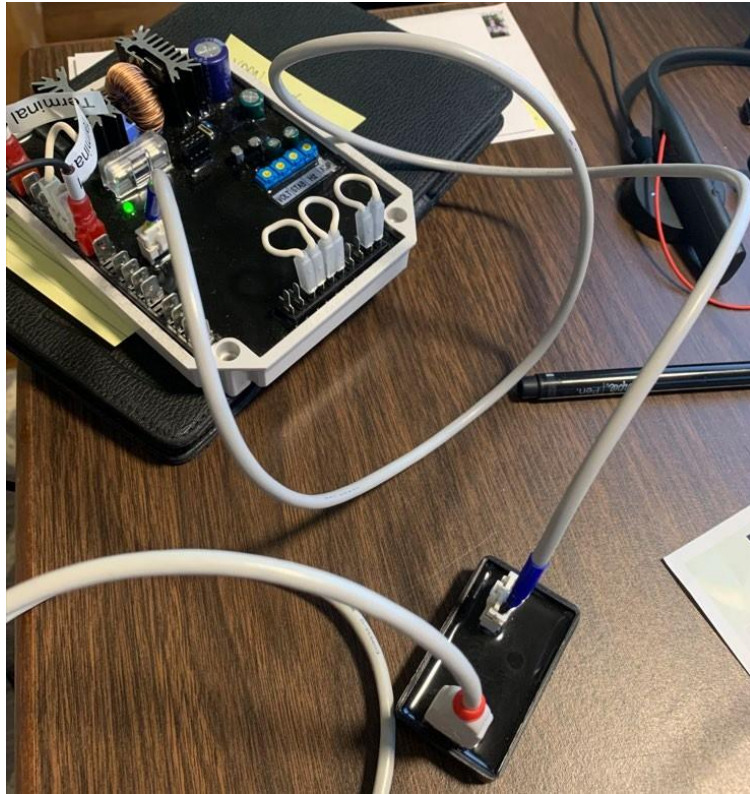


**Step 2:** Power the AVR using the 48 VDC power supply by connecting the Positive wire to Terminal 3 on the AVR and Negative wire to Terminal 11. The green LED on the AVR will begin to flash steadily as seen in the picture above.

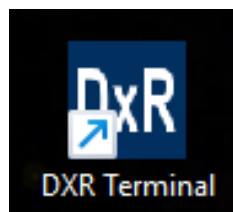
## TECH TIP – Power Products Generators



**Step 3:** Once the power connection is made, you simply use the DXR2USB dongle by connecting to the USB interface with the USB cable and then connecting the interface to the AVR using the small, jacketed communication cable.



**Step 4:** After connecting to the AVR, launch the 'DXR Terminal' software on your computer using the desktop icon shown below:

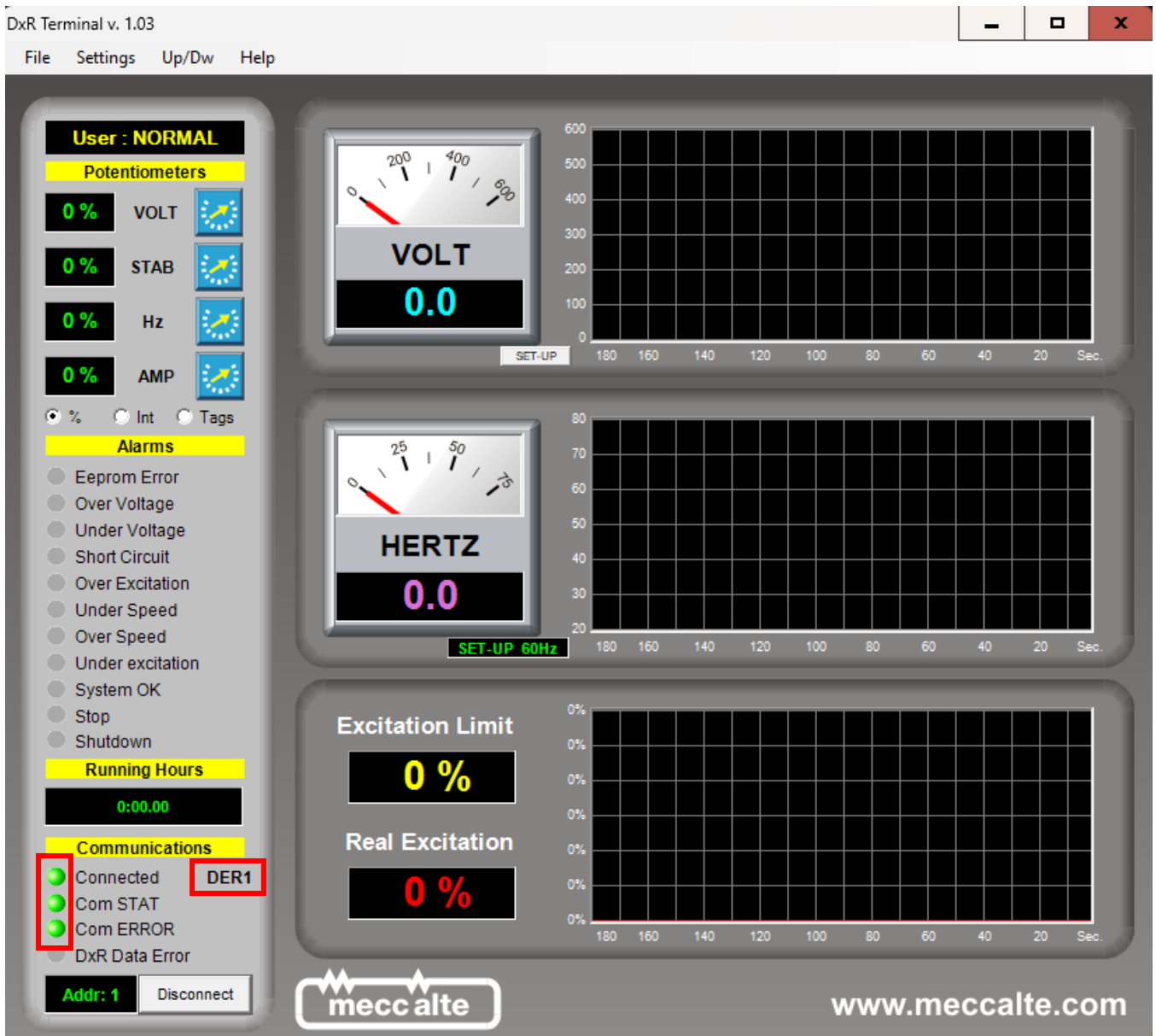


# TECH TIP – Power Products Generators



**Step 5:** The software will open and then click the **Connect** button located at the bottom of the left-hand portion of the app. Once properly connected, you will have the three green lights in the Communications section of the screen and the model type of AVR will display in **BOLD** just to the right as shown in the red boxes below.

*Note: When using the 48 Vdc power supply, you will not voltage, frequency, or excitation readings showing. These will only appear when connected to the AVR on an operating generator.*



# TECH TIP – Power Products Generators



**Step 6:** To download the Alarm Log, click **Up/Dw** on the status bar at the top of the screen, then click **Download**, then click **Save Alarms**. This will open an explorer box to allow you to save the **.alr** file in a location of your choice as seen in the second image below. Click **Save** to finish.

