

**Granite River Labs**  
**USB Drivers Installation Guide**  
**for GRL USB Power Delivery & Data Loopback Volume**  
**Tester (GRL-V-UP)**



This material is provided as a reference to download and install USB drivers required for the Granite River Labs (GRL) USB Power Delivery & Data Loopback Volume Tester (GRL-V-UP).

For customer support, contact [support@graniteriverlabs.com](mailto:support@graniteriverlabs.com).

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# 1 Scope of this Installation Guide

This Installation Guide provides the step-by-step procedure to download and install USB drivers for the GRL USB Power Delivery & Data Loopback Volume Tester (GRL-V-UP).

For more information on GRL-V-UP, please refer to <https://graniteriverlabs.com/grl-v-up/>.

For purchase orders, licensing questions and concerns, please contact Granite River Labs support at [support@graniteriverlabs.com](mailto:support@graniteriverlabs.com).

## 2 Download and Install GRL-V-UP USB Drivers

Below is the procedure to download and install the USB drivers for GRL-V-UP. Make sure that a computer running on Windows 10 with minimum 8GB of RAM is used to install the drivers.

1. Go to <https://graniteriverlabs.com/download-center/>. Under the “GRL USB Power Delivery & Data Loopback Volume Tester (GRL-V-UP)” panel, download the GRL-V-UP USB drivers at the “GRL V-UP Driver” row.



FIGURE 2.1: DOWNLOAD GRL-V-UP DRIVERS FROM GRL DOWNLOAD CENTER

2. Extract the “GRL” ZIP file in "C:\GRL\" (do not rename the folder). If the “GRL” folder is not found in the C:\ drive, create a “GRL” folder on the Host PC.

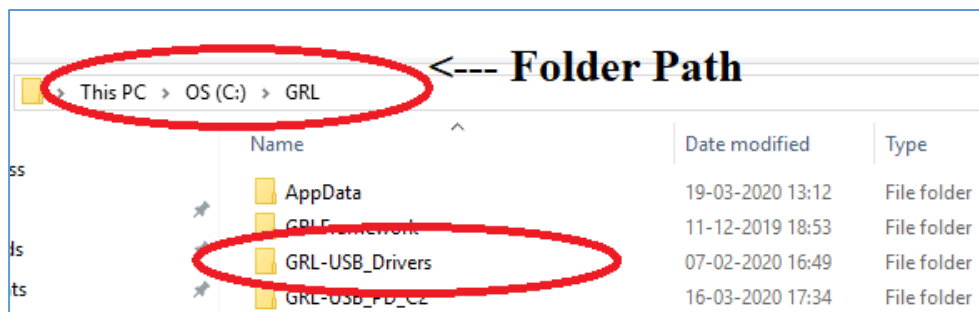


FIGURE 2.2: GRL-V-UP DRIVERS FOLDER PATH

3. If the GRL-V-UP tester hardware is connected to the Host PC with a USB Type-A to Type-B cable, unplug the cable from the Host PC.
4. Open the “C:\GRL\GRL-USB\_Drivers” folder as indicated in Figure 2.2 above.
5. Double-click on the “Install Driver” shortcut to install the USB drivers.

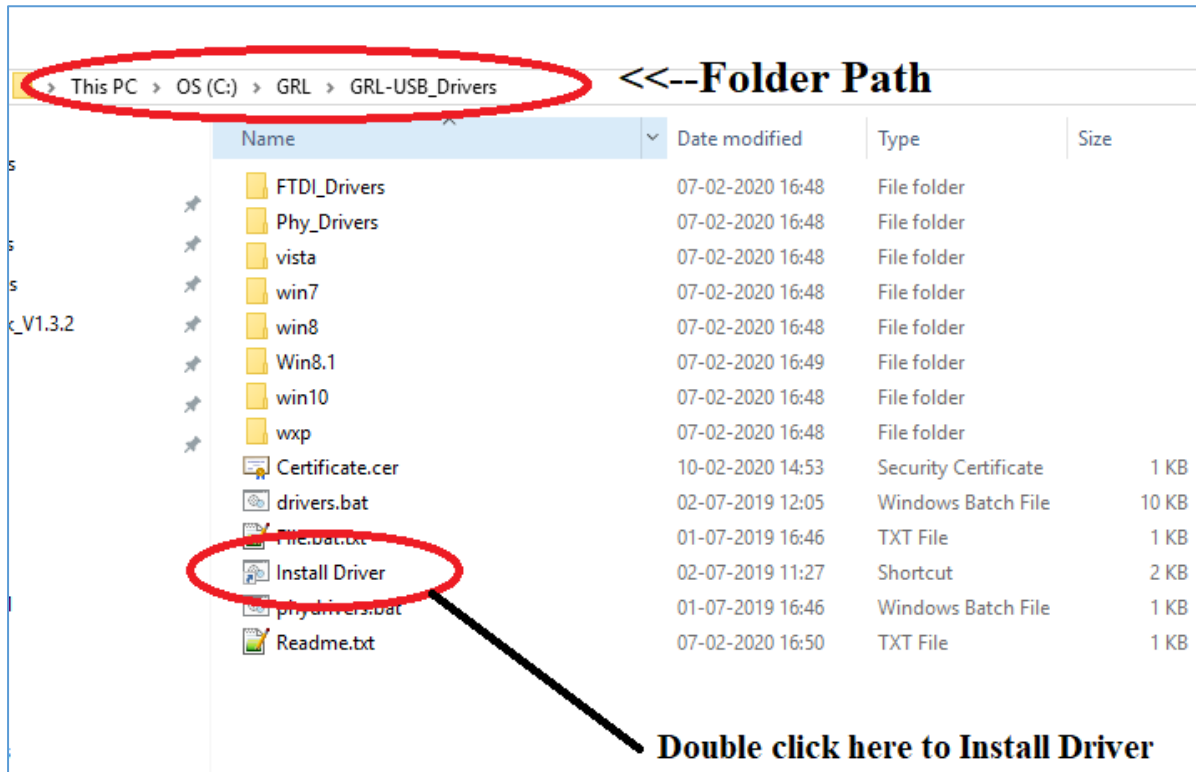


FIGURE 2.3: INITIATE DRIVERS INSTALLATION

## 2.1 Before Installing USB Drivers

Note prior to installing the USB drivers, if the GRL-V-UP tester hardware is connected to the Host PC using a USB Type-A to Type-B cable, the tester hardware will be detected in the Device Manager as “V-UP” with a yellow warning icon (see Figure 2.4 below). This indicates that no drivers were installed.

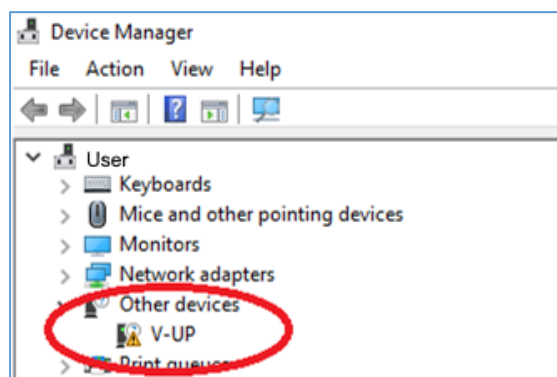


FIGURE 2.4: GRL-V-UP TESTER HARDWARE DETECTION IN DEVICE MANAGER BEFORE DRIVER INSTALLATION

## 2.2 After Installing USB Drivers

Once the USB drivers have been installed, connect the GRL-V-UP tester hardware to the Host PC using a USB Type-A to Type-B cable. The tester hardware will be detected as “GRL USB-PD Manufacture Tester” as indicated in Figure 2.5 below.

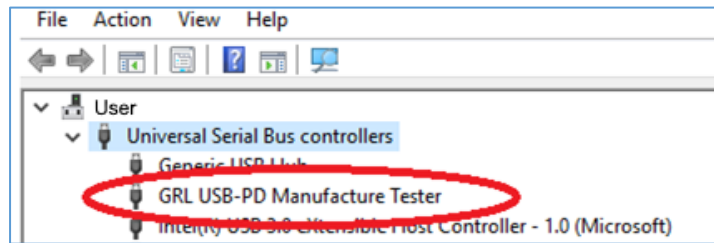


FIGURE 2.5: GRL-V-UP TESTER HARDWARE DETECTION IN DEVICE MANAGER AFTER DRIVER INSTALLATION

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