Procedure for installing HES 401 GUI and selecting battery type for HES 401/451 power supply

1. Once the software is copied to the local drive, select setup to begin install:

2. You should see the following screen:

   HES Series 401

   It is strongly recommended that you exit all programs before running this installer. Applications that run in the background, such as virus scanning utilities, might cause the installer to take longer than average to complete.

   Please wait while the installer initializes.
3. Once the install is ready, use defaults presented, and select next:

![Image of Destination Directory dialog box]

Select the primary installation directory.

All software will be installed in the following locations. To install software into different locations, click the Browse button and select another directory.

4. If you are using Windows 8, or Windows 10, you will see the following option. Make your selection, and then choose next:

![Image of Disable Windows Fast Startup dialog box]

Disable Windows Fast Startup to prevent problems with installing or removing hardware.
5. Select next to begin install:

![Image of Start Installation window]

6. You should see a progress indicator:

![Image of progress indicator showing 24% complete]
7. You will see the following when install is complete:

![Installation Complete](image)

The installer has finished updating your system.

8. Select next, and the program should start, as shown below:

![HES Power Monitor](image)

No USB Detected. Verify USB Cable Connected. and device is powered on. Time to full charge.
9. Now, plug in the grey/white USB cable in the tech tray to an open USB port on your laptop.

10. You should now see Windows installing the device drivers for the HES 401.

- If your laptop has 32 bit Windows, skip to step 21.
- If your laptop is 64 bit Windows, continue with the next step.

11. If you have 64 bit Windows, the driver will not load, and the program will still show USB not connected:
12. Open Device Manager on your laptop. You should see the following error:

![Device Manager window](image)

13. Right click on SERIES 401/451, and select “Properties”

![Right click on SERIES 401/451](image)
14. From the Properties tab, select “Update Driver”:

![Update Driver dialog box](image1)

15. Select the “Browse” option, as shown:

![Browse Options dialog box](image2)
16. Browse to driver location, as shown:

17. Make sure you are at the location shown, then select next:
18. You should then get a progress screen, showing the driver install:

19. When completed, the following should be displayed. Select close.
   NOTE: Windows will display SERIES 301- this is a software error that can be ignored.
20. The application should now be running, as shown below:

![Image of a running application]

The application is now correctly installed, and can be used for setting battery, type, or monitoring the power system.

21. To select the battery type for your cart, click on the Advanced tab. You will be prompted to enter the Password, which is “SERIES 401”

![Image of password entry screen]
22. The Advanced screen should now be displayed, as shown:

23. From the top, select “Setup”, then “Series 401 Setup”: 
24. From the next screen, select your battery type. Place the pointer in the battery type area, and it will display the available battery types. Typically, Capsa uses the 40.0 Ah LiFePO4 shown below.

25.
26. Once you have chosen the desired battery type, select “Set & Send”. You will not get any acknowledgement. To confirm the battery is set properly, select “View”, then “System Status”:

27. The selected battery type will be displayed. Verify you have selected the correct battery.