CAPSAHEALTHCARE

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:

=	Compressed Folder Tools				GUI_401_ver110				- 0 ×
F Home Share	View Extract								~ (
😌 🌝 🔻 🚺 🕨 This	s PC → Downloads → GUI_401_ver110						¥ (Search GUI_401_ver11	о, <i>р</i>
🔆 Favorites	Name	Туре	Compressed size	Password	Size	Ratio	Date modified		
E Desktop	퉬 bin	File folder							
🚺 Downloads	퉬 license	File folder							
🐔 OneDrive for Busine	퉬 supportfiles	File folder							
📃 Recent places	dp.pmf	PMF File	3 KB	No	6 KB	60%	10/9/2013 10:17 AM		
	nidist.id	ID File	1 KB	No	1 KB	25%	10/9/2013 10:17 AM		
🌉 This PC	🐑 setup	Configuration settings	1 KB	No	2 KB	53%	10/9/2013 10:17 AM		
)hesktop	📧 setup	Application	1,354 KB	No	1,394 KB	3%	5/6/2013 6:01 PM		
Documents									
🗼 Downloads									
🜗 Music									
崖 Pictures									
🤰 Videos									
🚢 OS (C:)									
👝 Removable Disk (D:)									
👊 Network									

2. You should see the following screen:



3. Once the install is ready, use defaults presented, and select next:

ų	HES Series 401 - 🗆 🗙
	Destination Directory Select the primary installation directory.
	All software will be installed in the following locations. To install software into a different locations, click the Browse button and select another directory.
	Target directory for application
	C:\Program Files (x86)\HES Series 401\ Browse
	Target directory for National Instruments software C:\Program Files (x86)\National Instruments\ Browse
	<pre></pre>

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



5. Select next to begin install:

49	HES Series 401	- 🗆 🗙
Start Installati Review the fo	on Iowing summary before continuing.	
Adding or Changing • HES Series 401 Files		
Click the Next button to be	gin installation. Click the Back button to change the installation settings.	
	Save File << Back Next >>	Cancel

6. You should see a progress indicator:

🐙 HES Series 401	10. a 10. 10. 10 a	X
Overall Progress: 24% Complete		
Validating install		
۱ <u>ـــــ</u>	C Back Nevton	Cancel

7. You will see the following when install is complete:

IJ	HES Series 401 - 🗆 🗙
	Installation Complete
	The installer has finished updating your system.
	<< Back Next >> Finish

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

HES	HES Power Monitor 401 V1.10	- 🗆 🗙
		AC MODULE
LOW BATTERY	CHARGING Verify USB Cable Connected. AC AC AC ACT ACT ACT ACT ACT ACT ACT ACT	AUTO SHUTDOWN RECOVERY ADVANCED EXIT

- 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.

Device Setup		×
Installing device	e Please wait while Setup installs necessary files on your system. This may take	
	several minutes.	
	Close]

- 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:



File Action View Help	
🔺 🚔 LTBQ4D062	^
Audio inputs and outputs	
> 🦢 Batteries	
> 🚯 Bluetooth	
▷ 👰 Computer	
Disk drives	
> 🎭 Display adapters	
> 編 Human Interface Devices	
> 🗟 Imaging devices	
Image: Intel(R) Dynamic Platform and Thermal Framework	
Every boards	
B Mice and other pointing devices	
Monitors	
Detwork adapters	
Definition Definition Definition Definition	
h SERIES 401/451	
Devices	
▷ 🚏 Ports (COM & LPT)	
> 👼 Print queues	
D Processors	
D SD host adapters	
D I Software devices	
Sound, video and game controllers	
> 🗇 Storage controllers	
▷ III System devices	
N 🗎 Universal Serial Rus controllers	~

12. Open Device Manager on your laptop. You should see the following error:

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



	SERIE	S 401/451 Properties	
General	Driver Details	Events	
1	SERIES 401/45	1	
	Device type:	Other devices	
	Manufacturer:	Unknown	
	Location:	Port_#0001.Hub_#0002	
- Devic The	e status drivers for this devic	ce are not installed. (Code 28)	
To fir	e are no compatible nd a driver for this d	e drivers for this device. levice, click Update Driver.	
		Update Driver	
		OK Cancel	

14. From the Properties tab, select "Update Driver":

15. Select the "Browse" option, as shown:

			×
G	<u>I</u> U	lpdate Driver Software - SERIES 401/451	
	Hov	v do you want to search for driver software?	
	٢	Search automatically for updated driver software Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.	
	•	B <u>r</u> owse my computer for driver software Locate and install driver software manually.	
			Cancel

16. Browse to driver location, as shown:

Browse For Folder	×
Select the folder that contains drivers for your hardware	
Common Files	~
HES Series 401	
HES Drivers Ver2.0	
🍌 amd64	
🍌 i386	
PORT	
🔒 Logo	~
Eolder: HES Drivers Ver2.0	
OK Cancel	

17. Make sure you are at the location shown, then select next:

Update Driver Software - SERIES 401/451	~
Browse for driver software on your computer	
Search for driver software in this location: C:\Program Files (x86)\HES Series 401\HES Drivers Ver2.0 V Browse	
✓ Include subfolders	
Let me pick from a list of device drivers on my computer This list will show installed driver software compatible with the device, and all driver software in the same category as the device.	
<u>N</u> ext Cance	I

18. You should then get a progress screen, showing the driver install:

Installing driver software				

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.

Update Driver Software - USB SERIES 301	
Windows has successfully updated your driver software	
Windows has finished installing the driver software for this device:	
USB SERIES 301	
	<u>C</u> lose

20. The application should now be running, as shown below:

HES	HI	ES Power Monitor 401 V1	I.10 – 🗆 🗙
LOW BATTERY	🚞 DC 🥥 🕓 AC 🥥	00:00	AUTO SHUTDOWN RECOVERY
	CHARGING 🥥	On Trickle Charge	ADVANCED EXIT

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"

HES Power Monitor 401 V1.10 -
$\begin{array}{c} AC \\ AC $
Please enter your Password, then press ENTER to continue Password:

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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.

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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.

