

## Battery Firmware Upgrade Manual



V1.0 12<sup>nd</sup> July, 2022

## **Step 1 Install Hyper Terminal**

Open hyper\_terminal\_latest.msi file to install the software.

🗒 Battery Firmware Upgrade Manual.pdf		
🞼 hyper_terminal_latest.msi		
Real PL2303_Prolific_DriverInstaller.ex	e	

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HyperTerminal – 🗆 X	🛃 HyperTerminal — 🗆 🗙
欢迎使用 HyperTerminal 安装向导 Welcome to use HyperTerminal install guide	选择安装文件夹 Select a folder for installation
安装程序将引导您完成在您的计算机上安装 HyperTerminal 所需的步骤。          警告:本计算机程序受著作权法和国际条约保护。如未经授权而擅自复制或传播本程序(成其中任何部分),将受到严厉的民事及刑事制裁,并将在法律中可的范围内受到最大程度的起诉。         收消         收消	安装程序将把 HyperTerminal 安装到下面的文件夹中。         要在该文件夹中进行安装,请单击"下一步",要安装到其他文件夹,请在下面输入另一个文件夹成单击"调宽",         文件夹(E):         [C:\Program Files (x86)\Darkwood\HyperTerminal\         第2(F):         [C:\Program Files (x86)\Darkwood\HyperTerminal\         强盘开销(D)         为自己还是为所有使用该计算机的人安装 HyperTerminal:         ① 任何人(E)         ④ 只有我(0)         取消       < 上一步(B)
3 ● HyperTerminal - × 确认安装 Confirm installation 安裝程序已准备在您的计算机上安装 HyperTerminal。 单击"下一步"开始安装。	4
取消 < 上一步(B) 下一步(X) >	请使用 Windows Update 检查是否有重要的 .NET Framework 更新。 Close 取消 < 上一步(3) 关闭(C)

## **Step 2 Connect the cable**

Connect the battery to your windows based PC/laptop by console cable. The crystal end plugs in battery Console port and USB ends plug in your PC/laptop.

After wiring, turn on the battery.



## 3. Run the Hyper Terminal



Preferminal     File   Edit Console   Dependencion   Open Shortcut File   Sevi Shortcut File   Exit   Cuti-Shift-W     Connection     OK     Cancel     New Connection     New Connecti	1		- 0 ×	3	
2 New Connection Type Connection Type OK Cancel	⊌ HyperTerminal         File       Edit       Console       Tools       Window         New Window       Ctrl+Shift+N       New Connection       Open Shortcut File         Save Shortcut File       Save Shortcut File       Exit       Ctrl+Shift+W	Help	×	New serial connection Serial port Fort Baud rate Data Parity Stop bits Flow control Transmit Delay(char) Transmit Delay(line)	× COMS 115200 Sbits None None None O O O COMS None
	2 Mew Connection Connection Type COM3		Cancel	Terminal settings Log type Log file Encoding Local echo New line Auto Exec Macro	None iso-0659-1 utf-0659-1 utf-0(latin) utf-8(latin) gk2112 gk2112 utf-8(latin) utf-8(latin) Cancel



<ol> <li>Select "Send to the host" for Transmit/Receive</li> <li>Select "XModem" for Protocol</li> <li>Review the bin. file path</li> </ol>	X/ZModem - COM10 X Transmit/Receive Send to the host rotocol Modem File name Choose the bin. file Start Cancel
Start Data Sending. If there is a time out messagae, please restart the battery and connect again.	X/ZModem - COM3 × Transmit/Receive Send to the host Protocol MModem File name C:\Users\mady0\Desktop\SPEMS16SRP2110V1.1.3.bin Sent: 23552 bytes Start Cancel
Transmission completed	HyperTerminal × Transmission completed successfully. OK

Input "info" again to check the battery Main Soft Version. Make sure it is the same as the bin. file name we offered. Check the Barcode that should remain the same as the S/N in the battery label. If not, please input "tbar" + SN to rewrite the barcode. Note that the SN is 4 digits capital letters and 12 number digits.	<pre>File Edit Console Tools Window Help File Edit Console Tools Window Help COMMANDER COMMANDER COMMANDER COMMANDER File Edit Console Tools Window Help Command completed successfully Command completed succesfully Command completed succesfully Comm</pre>		×
Input "login debug" Input "config default" to make the new BMS parameters take effect.	Barcode:TEST00000000000 Command completed successfully \$\$ PYTES>login debug @ Command completed successfully \$\$ PYTES_debug>config default @ Command completed successfully \$\$ PYTES_debug>		

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