

1. Connect the battery and computer with console cable and run *HyperTerminal* software

Open the Hyper Terminal from window menu and create a new connection as following steps:

Click File

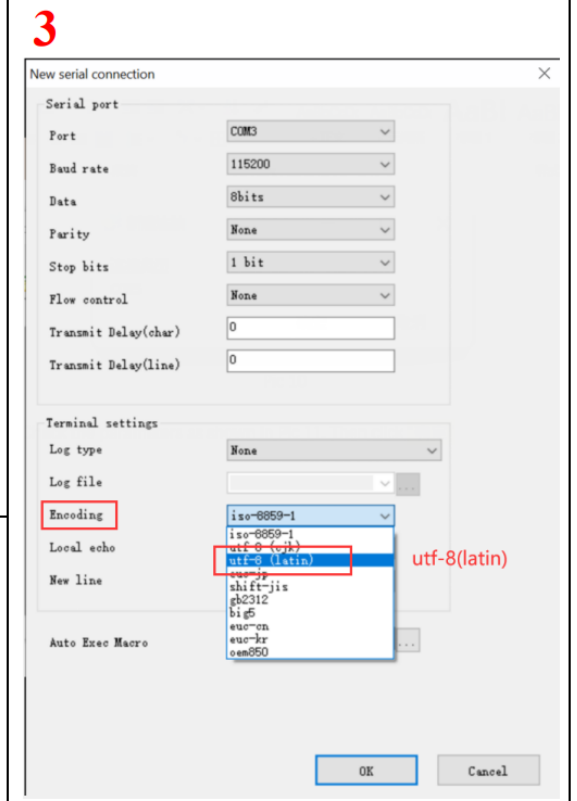
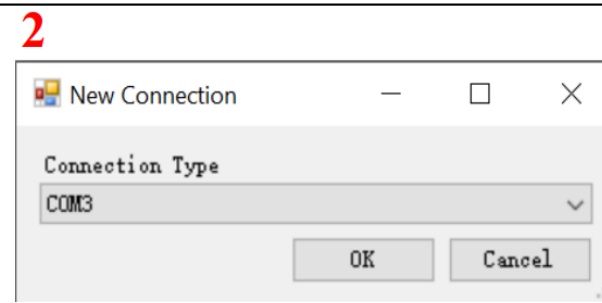
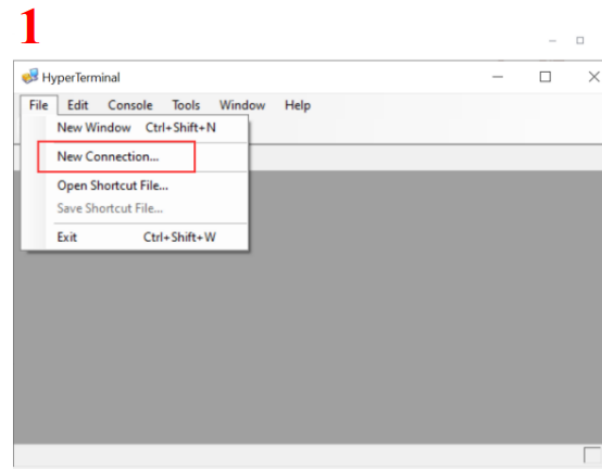
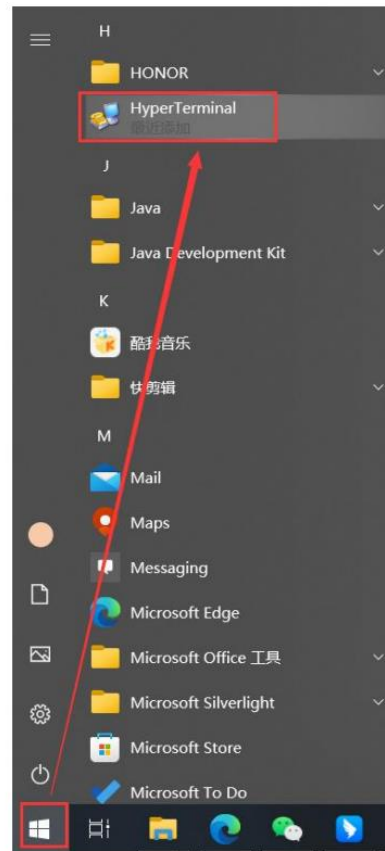
→New Connection

→COM3^{1*}


→Encoding

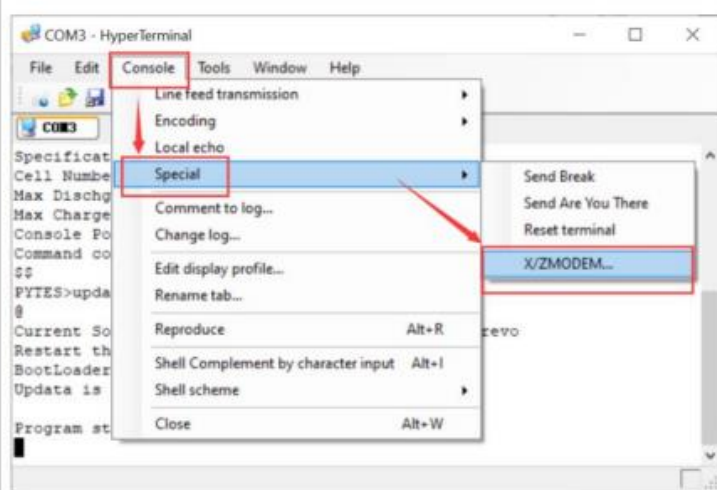
→utf-8(latin)

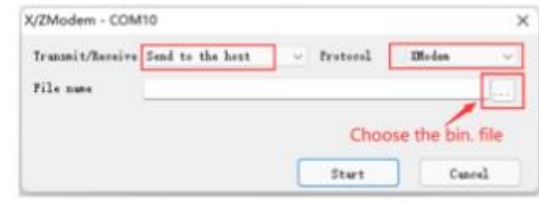
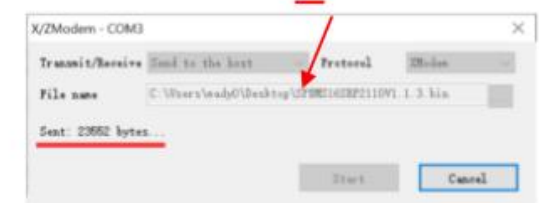
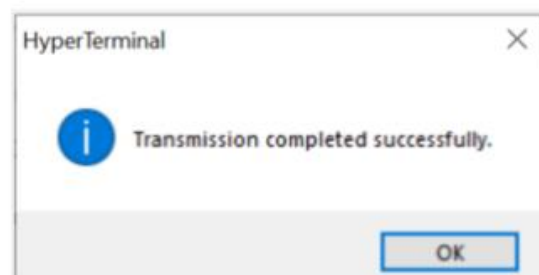
1*: The port number depends on your connection number. COM3 is the default setting.



2. Input “**login debug** --> **uboot**” command and update with **bootloaderv1.14_GD32F307xC.bin**

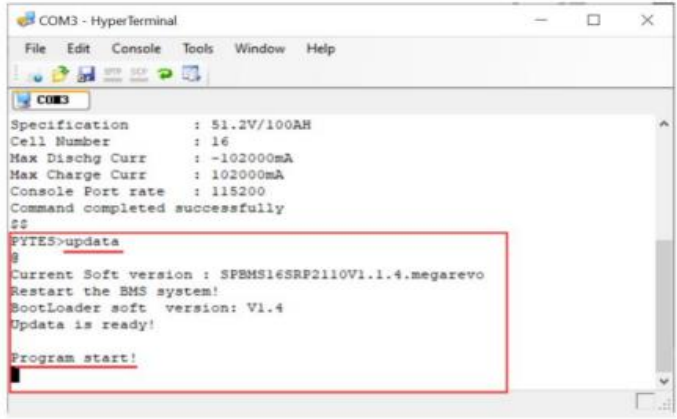
<p>Input “login debug”</p> <p>Input “uboot” to upgrade the bootloader</p>	
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<p>Click Console</p> <p>→Special</p> <p>→X/ZMODEM</p>	
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<ol style="list-style-type: none">1. Select “Send to the host” for Transmit/Receive2. Select “XModem” for Protocol3. Review the bin. file path	
<p>Start Data Sending.</p> <p>If there is a time out messagae, please restart the battery and connect again.</p>	<p>bootloaderv1.14_GD32F307xC.bin</p> 
<p>Transmission completed</p>	

4. Input **"updata"** command and update with **SPBMS16SRP2203V1.5.XX.C8.bin**

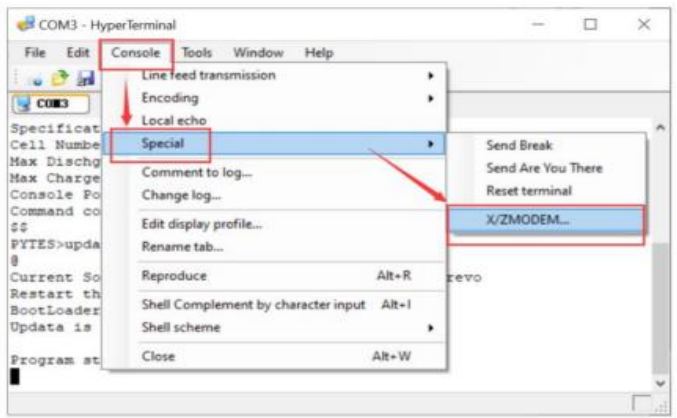
Input "updata" to get upgrade program started.



```
COM3 - HyperTerminal
File Edit Console Tools Window Help

COM3
Specification : 51.2V/100AH
Cell Number : 16
Max Dischg Curr : -102000mA
Max Charge Curr : 102000mA
Console Port rate : 115200
Command completed successfully
$$
PYTES>updata
Current Soft version : SPBMS16SRP2110V1.1.4.megarevo
Restart the BMS system!
BootLoader soft version: V1.4
Update is ready!
Program start!
```


Click Console
→Special
→X/ZMODEM



```
COM3 - HyperTerminal
File Edit Console Tools Window Help
Console
Line feed transmission
Encoding
Local echo
Special
Comment to log...
Change log...
Edit display profile...
Rename tab...
Reproduce Alt+R
Shell Complement by character input Alt+I
Shell scheme
Close Alt+W

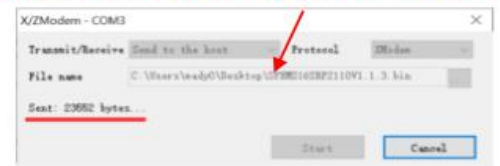
Special
Send Break
Send Are You There
Reset terminal
X/ZMODEM...
```

1. Select "Send to the host" for Transmit/Receive
2. Select "XModem" for Protocol
3. Review the bin. file path



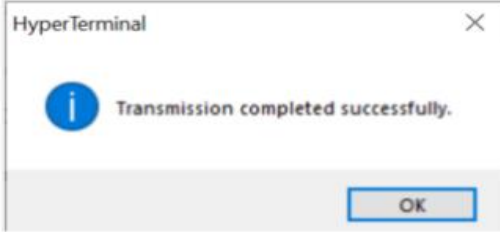
Start Data Sending.

If there is a time out messagae, please restart the battery and connect again.



SPBMS16SRP2203V1.5.xx.C8 bin

Transmission completed



4. Input “**updata**” command and update with **SPBMS16SRP2203V1.5.XX.C16.bin**

Please make sure you battery has already updated the latest C8 firmware version(minimum version required is 1.5.34.C8), before you update the C16 firmware, if not please update the latest C8 firmware first.

