

Use Batteryview upgrade and acquire system information Pylontech Low Voltage Product

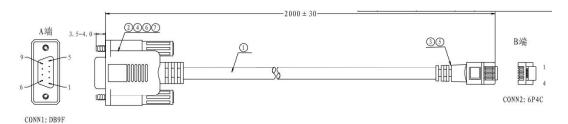
This SOP is for Pylontech authorized software engineer and field application engineer to upgrade and acquire system information of Pylontech Powercube product. To avoid misoperation or commands lead to system failure, please contact Pylontech first before using any of the command not listed in this SOP; Otherwise the product will be out of Pylontech warranty scope.

Section A: Battery Firmware Upgrade

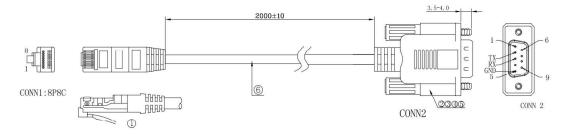
1. Connect from Battery RS232/Console port to laptop USB:



For US2000/US3000/Phantom-S/UP2500, the RS232 cable type is RJ11 - DB9 - USB:



For Force L1/L2, the RS232 cable type is RJ45 – DB9 – USB:





Please re-wire the PIN OUT on RJ11/RJ45 side as below:

For RJ11 cable:

Definition of RJ11 Port Pin

No.	RS232 Pin		
1	GND		
2	TXD		
3	RXD		
4	GND		





For RJ45 cable:

CAN	RS485	RS232 -	12345
P	¢	ø	
Ø	¢	Ø	
¢	42	TX ↔	RJ45 Po
CANH	ø	Ø	12:
CANLe	42	63	
GND@	ę3	RX ₽	
<i>p</i>	RS485A+	Ø	
Ø	RS485B+	Ø	RJ45 PI

Connect to battery Console Port(as below BLUE circle):







2. Open 'Batteryview.exe':

🕌 en	2016/3/23 14:55	
Update file	2016/8/23 16:41	
🎍 Update log	2016/3/23 15:17	
📕 zh-CHS	2016/3/23 14:55	
🕌 zh-cn	2016/3/23 14:57	
Battery Firmware Update SOP	2016/7/12 11:14	117 KB
BatteryView	2016/3/23 16:09	573 KB
BatteryView.pdb	2016/3/23 16:09	494 KB
BatteryView.vshost	2016/3/21 17:14	14 KB
BatteryView.vshost.exe.manifest	2009/6/11 5:14	1 KB
LabelGradient.dll	2015/8/27 9:19	20 KB
S LEDIndicator.dll	2014/7/4 16:16	30 KB
Microsoft.Office.Interop.Excel.dll	2007/10/10 9:48	1,075 KB
Microsoft.Vbe.Interop.dll	2007/10/10 9:48	63 KB
S office.dll	2007/10/10 9:48	219 KB
WeifenLuo.WinFormsUI.Docking.dll	2013/11/19 16:33	437 KB

3. Connect to Battery:

onnect	Main Window					Index	Voltage(V)	Stat
	Voltage(V)	Current(A)	Temperature("C)	Capacity(Ah)	Cycle Time			
	0.000	0.000	0	0	0			
	Basic State							
ice Hane: ial Husher: tware Version! tification: Bischarge Current: Charge Current:								
						Index	Temperaturs(C)	Sta

The Port Name will be automatically recognized once the RS232 cable is well installed or from the Device Manager; The Baudrate is 115200.

Connect Disconnect			
Device List Window	‡ × Main	Window	
	连接对话框		×
	Serialport Information		
	Port Nume:	Baudrate:	1
	C0M20 -	115200 👻	
	Parallel		
	Max parallel battery mod	tule number	



4. If the BatteryView showed values, which means connect successfully: *Note: Please double-click the 'Battery Module' tool bar to receive correct battery information on the bottom right side, then take a Screenshoot as evidence for further maintenance task.

ReatteryView			Stational Street Street	And Distances of the local distances of the local distances of the local distances of the local distances of the			-	0 . 8
File(F) Run(R) Windows(W) Option	s(0) Language(L) A	kbout(A)						
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	audrate Set					Index Cell0	Valtage(V) 3.343 V	State
	Voltage(V)	Current(A)	Temperature(°C)	Capacity(Ah)	Cycle Time	Calli	3.343 V 3.348 V	Bornal Bornal
	50.184	0.740	31	32.624	0	Cell2	3.345 V	Formal
						Cell3	3, 349 V	Formal
N N						Cell4	3.347 V	Formal
						Cell5	3.344 V	Formal
Daulala allala	Charge					C+116	3.345 V	Hernal
Double-click	charge					C+117	3.345 V	Formal
						C+118	3.342 V	Normal
						Cel19	3.344 Y	Sernal
						Cel110	3.345 V	Fernal
- Device Nume PHANTON-S						Cell11	3.345 V	Surnal
Sarial Number PPTBH01176405004						Cell12	3.346 V	Formal
Software Version: 160 Specification: 489/50AH						Callis	3.348 V	Formal
Has Discharge Current -100000eA Has Charge Current 102000eA						Cell14	3.347 V	Fernal
						Index	Temperature(°C)	State
						Tengerature0	31 75	Sernal
						Temperaturel	31 °C	Formal
						Temperature2	32 °C	Fernal
						Tenperature3	32 °C	Fernal
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BatteryView								
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5. Please choose	the BINS	update:	age(L) About(A	1				
# # 10		ser Login						
2 3 9								
Connect Disconnect Star	t Pause S	can Set						
Device List Window	B	MS Update						
- Battery Module	B	audrate Set						

