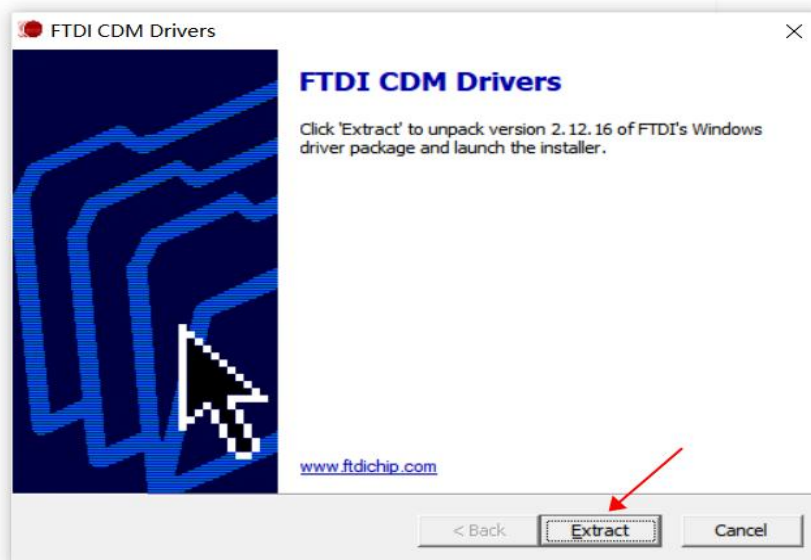


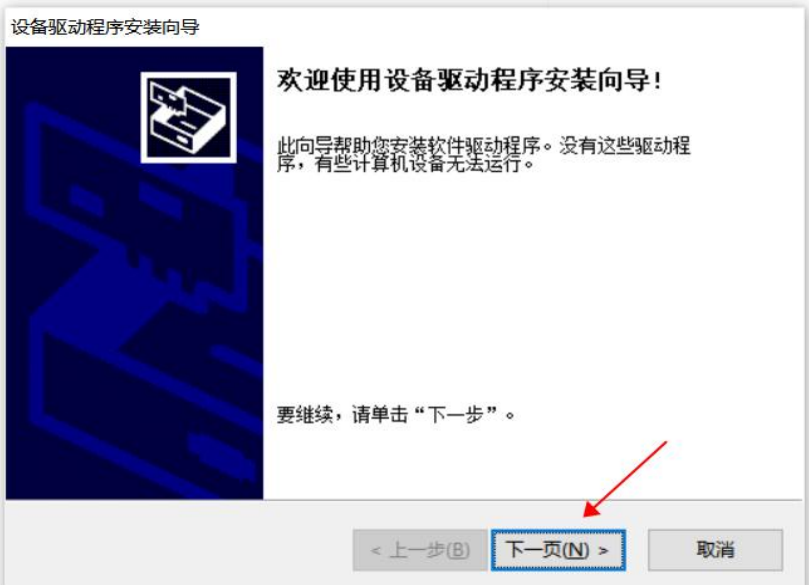
1. Unzip the zip file Kamada Battery.

2. Install the driver of RS232 communication box, unzip the zip file USB2.0 Driver, open the file name USB2.0 Driver, then follow the steps below.

Linux x64 (64-bit)	2023/7/13 17:33	文件夹	
Linux x86 (32-bit)	2023/7/13 17:33	文件夹	
Linux x86_64	2023/7/13 17:33	文件夹	
Mac OS 8 9	2023/7/13 17:33	文件夹	
Mac OS X 10.9 and above	2023/7/13 17:33	文件夹	
uninstall software	2023/7/13 17:33	文件夹	
win xp server2003 2008 2012 Vista 7 8 8.1 10 32-64bit	2023/7/13 17:33	文件夹	
win98 ME	2023/7/13 17:33	文件夹	
win2000	2023/7/13 17:33	文件夹	
Windows CE 4.2-5.2 Mobile 5 6 PocketPC 2003 ARM ...	2023/7/13 17:33	文件夹	
Windows CE 4.2-5.2 Mobile 5 6 PocketPC 2003 x86 Pr...	2023/7/13 17:33	文件夹	
Windows CE 6.0 ARM XScale Processor	2023/7/13 17:33	文件夹	
Windows CE 6.0 x86 Processor	2023/7/13 17:33	文件夹	
Windows CE 2013	2023/7/13 17:33	文件夹	
LINUX README.txt	2016/4/19 16:36	文本文档	2 KB
RS485(890A) RS232(UT-8801)的驱动程序.doc	2021/7/19 16:26	DOC 文档	70 KB
此驱动, 为宇泰UT-885、882、880I、883F、883D、88...	2017/3/21 10:40	文本文档	1 KB

amd64	2023/7/13 17:33	文件夹	
i386	2023/7/13 17:33	文件夹	
Static	2023/7/13 17:33	文件夹	
CDM 2 12 16 Release Info.rtf	2016/4/19 16:36	RTF 文件	216 KB
CDM v2.12.16 WHQL Certified.zip	2016/4/19 16:36	360压缩 ZIP 文件	1,322 KB
CDM21216_Setup.exe	2016/4/19 16:36	应用程序	2,075 KB
CDM21216_Setup.rar	2016/4/19 16:36	360压缩 RAR 文件	2,021 KB
ftd2xx.h	2016/4/19 16:36	H 文件	40 KB
ftdibus.cat	2016/4/19 16:36	安全目录	15 KB
ftdibus.inf	2016/4/19 16:36	安装信息	18 KB
ftdiport.cat	2016/4/19 16:36	安全目录	14 KB
ftdiport.inf	2016/4/19 16:36	安装信息	15 KB





3. Use our network cable and RS232 communication test box to test. Connect the blue wire to the gray wire, then connect the blue wire to the computer, and connect the gray wire to the battery RS232 interface.



4. Unzip the zip file "PbmsTools V2.5 (No. 00407-1) (BLW: 2021-6-17)" and open it, click the BMS tools.

Config	2023/7/15 17:21	文件夹	
PbmsTools.exe	2021/6/17 16:38	应用程序	696 KB
PbmsTools.exe.config	2021/6/17 16:38	CONFIG 文件	1 KB

4. Change to English interface.

PbmsTools V2.5(编号P00407-1) (BLW:2021/6/17)

实时监控

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

电池信息

总电压 V

电流 A

SOC %

SOH %

剩余容量 mAh

满充容量 mAh

循环次数

温度信息

MOS温度 °C

环境温度 °C

单体电压(mV)

最高电压 最低电压 压差

电池1	电池9
电池2	电池10
电池3	电池11
电池4	电池12
电池5	电池13
电池6	电池14
电池7	电池15
电池8	电池16

串口

串口号 波特率 9600 ☐ 轮播

Pack 1 Pack数量 1

地址 间隔(秒) 1

逆变器协议

设置逆变器协议

打开串口

尝试连接

系统状态

● 充电-关 ● 有效充电电流 ● 限流-关 ● ACin

● 放电-关 ● 有效放电电流 ● 加热膜-关 ● Fully

告警状态

保护状态

故障状态

开关控制

充电 声音告警

放电 指示灯告警 强制休眠

密码

版本: | BMS S/N: | PACK S/N: | 通讯:

17:22:15 2023/07/15

6. Different computers have different ports. If there are multiple ports, try which one can be connected.

PDM1001S V2.3(型号P00407-1) (BLW:2021/07/17)

Realtime Monitoring

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Pack Information

Pack Voltage V

Pack Current A

SOC %

SOH %

RemainCapacity mAH

FullCapacity mAH

Battery Cycle

Temperature

MOS_T °C ENV_T °C

Cell Voltage(mV)

MaxVolt MinVolt VoltDiff

Vcell 1 Vcell 9

Vcell 2 Vcell 10

Vcell 3 Vcell 11

Vcell 4 Vcell 12

Vcell 5 Vcell 13

Vcell 6 Vcell 14

Vcell 7 Vcell 15

Vcell 8 Vcell 16

Serial Port

Port Baud Rate 9600 ☐ Auto Display

Pack 1 Pack Qty 1

ADDR Interval (S) 1

Inverter Protocol

Inverter Set

System Status

☐ CHARGING-OFF ☐ CHARGING ☐ CHG-LIMIT-OFF ☐ ACin

☐ DISCHARGING-OFF ☐ DISCHARGING ☐ HEATER-OFF ☐ Fully

Alarm Status

Protect Status

Fault Status

Switch Control

CHG Circuit Sound Alarm

DSG Circuit LED Alarm Shutdown

Password

VER: | BMS S/N: | PACK S/N: | COMM: | 17:28:08 2023/07/15

7. After selecting the port, click the open button

PDM1001S V2.3(型号P00407-1) (BLW:2021/07/17)

Realtime Monitoring

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Pack Information

Pack Voltage V

Pack Current A

SOC %

SOH %

RemainCapacity mAH

FullCapacity mAH

Battery Cycle

Temperature

MOS_T °C ENV_T °C

Cell Voltage(mV)

MaxVolt MinVolt VoltDiff

Vcell 1 Vcell 9

Vcell 2 Vcell 10

Vcell 3 Vcell 11

Vcell 4 Vcell 12

Vcell 5 Vcell 13

Vcell 6 Vcell 14

Vcell 7 Vcell 15

Vcell 8 Vcell 16

Serial Port

Port Baud Rate 9600 ☐ Auto Display

Pack 1 Pack Qty 1

ADDR Interval (S) 1

Inverter Protocol

Inverter Set

System Status

☐ CHARGING-OFF ☐ CHARGING ☐ CHG-LIMIT-OFF ☐ ACin

☐ DISCHARGING-OFF ☐ DISCHARGING ☐ HEATER-OFF ☐ Fully

Alarm Status

Protect Status

Fault Status

Switch Control

CHG Circuit Sound Alarm

DSG Circuit LED Alarm Shutdown

Password

VER: | BMS S/N: | PACK S/N: | COMM: | 17:35:17 2023/07/15

- Enter the password Pz#188178 in the lower right corner.

PbmsTools V2.5(编号P00407-1) (BLW:2021/6/17)

Realtime Monitoring

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Pack Information

Pack Voltage V

Pack Current A

SOC %

SOH %

RemainCapacity mAh

FullCapacity mAh

Battery Cycle

Temperature

MOS_T °C ENV_T °C

Cell Voltage(mV)

MaxVolt MinVolt VoltDiff

Vcell 1 Vcell 9

Vcell 2 Vcell 10

Vcell 3 Vcell 11

Vcell 4 Vcell 12

Vcell 5 Vcell 13

Vcell 6 Vcell 14

Vcell 7 Vcell 15

Vcell 8 Vcell 16

Serial Port

Port Baud Rate 9600 ☐ Auto Display

Pack 1 Pack Qty 1

ADDR Interval(S) 1

Inverter Protocol

Inverter Set

System Status

●CHARGING-OFF ●CHARGING ●CHG-LIMIT-OFF ●ACin

●DISCHARGING-OFF ●DISCHARGING ●HEATER-OFF ●Fully

Alarm Status

Protect Status

Fault Status

Switch Control

CHG Circuit Sound Alarm

DSG Circuit LED Alarm Shutdown

Password

VER: BMS S/N: PACK S/N: COMM: 17:37:47 2023/07/15

- Click on System Config, then enter the password in the middle Pz#168178

PbmsTools V2.5

Realtime Monitoring Multi Monitoring Memory Info. Parameter Setting **System Config.** Export Data Protocols

Voltage(mV)

Vref

Pack Voltage

Current(mA)

CHG Current (1000-65000mA)

Zero Current

DSG Current (1000-65000mA)

Cell Number Setting

Cell Number

CHG Current Setting

Start Current(A)

Gap Charge Setting

Gap Charge Threshold

Capacity(mAH)

DesignCapacity

RemainCapacity

FullCapacity

Battery Cycle Setting

Battery Cycle 0

Inverter protocol

Password

CAN Protocol

RS485 Protocol

Type

Manufacture Information

☐ Clear text box after writing

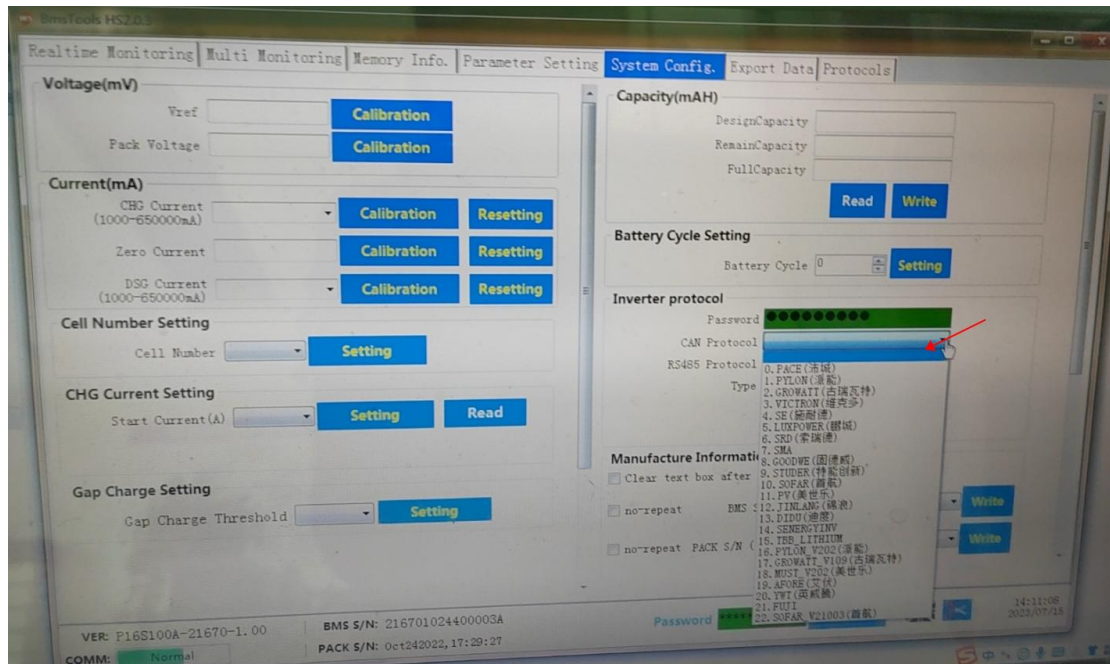
☐ no-repeat BMS S/N

☐ no-repeat PACK S/N (20)

VER: F160100A-21670-1.00 BMS S/N: 216701024400002A

COMM: 17:37:47 2023/07/15

10 According to the brand and model of the inverter, select the corresponding protocol CAN or RS485



10. After selecting the protocol, click write, then click Read, and the inverter protocol will be changed.

(Kamada's default protocol is Pylon CAN and Pylon RS485, which can be matched with Deye's inverter. If the customer's inverter are another protocols, need to change the protocol first.)

