

光伏仪数据导出到电脑教程：

可以导出的数据内容：

- 1，最后测量的整组曲线数据。
- 2，14 组的最大功率值-光功率值数据。
- 3，测量调试信息。

第一步，把仪器在户外测试，得出有用的数据。使用 USB 数据线连接电脑跟仪器，且保证仪器开机了。



第二步，打开串口软件，sscom5.13.1，选中正确的端口号，“COMx USB 串行设备”，再点击“打开设备”。关闭 HEX 显示，关闭 加时间戳和分包显示。



注意：端口号没有看到“COMx USB 串行设备”，需要检测 USB 连接是否正常。确保设备处于开机状态。

第三步，输入框 输入 任意字符，例如“1”，再点击 发送，则仪器自动回复数据。

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===== MPPT完整原始数据CSV格式 =====
包含所有测试点的完整数据
回新建txt文本复制下方数据
再吧文件格式改为csv格式打开

# PVT801 MPPT Data - CSV Format
# Device: PVT801 Photovoltaic Tester
# Complete Original Measurement Data (All Points)
# Test Conditions:
# Solar Power: 0.0 W/m²
# Max Power: 148.500 W
# Open Voltage: 0.000 V
# Short Current: 4.408 A
# Total Measured Points: 62

# Data Format: Voltage(V), Current(A), Power(W)
# Ready for Excel import
Voltage(V),Current(A),Power(W)
44.925,0.004,0.100
44.925,0.016,0.700
44.930,0.194,8.700
44.667,0.445,19.800
44.590,0.558,24.800
44.528,0.578,25.700
44.483,0.602,26.700
44.464,0.690,30.600
44.347,0.822,36.400
44.083,1.142,50.300
43.204,1.818,78.500
42.904,1.954,83.800
42.855,2.046,87.600
42.638,2.134,90.900
42.599,2.214,94.300
42.481,2.294,97.400
42.342,2.390,101.100
42.147,2.478,104.400
42.085,2.562,107.800
41.879,2.630,110.100
41.806,2.734,114.200
41.555,2.810,116.700
41.483,2.898,120.200
41.242,2.967,122.300
41.170,3.059,125.900
40.874,3.139,128.300
40.656,3.215,130.700
40.417,3.315,133.900
40.232,3.391,136.400
39.937,3.471,138.600
39.630,3.559,141.000
39.291,3.659,143.700
38.973,3.727,145.200
38.488,3.815,146.800
37.948,3.911,148.400
37.252,3.987,148.500
36.321,4.063,147.500
34.834,4.155,144.700
32.478,4.227,137.200
27.360,4.319,118.100
17.799,4.383,78.000

# Valid Data Points: 41
# Total Measured Points: 62
# End of CSV Data
#

===== 历史记录数据CSV格式 =====
历史测试记录数据表格

# PVT801 Historical Data - CSV Format
# Device: PVT801 Photovoltaic Tester
# Historical Test Records

# Historical Maximum Record
# Max Power Test No: 2
# Max Power: 368.100 W
# Max Power Voltage: 34.694 V
# Max Power Current: 10.609 A
# Max Power Solar: 0.0 W/m²

# Ready for Excel import
#
Test_No,Voltage(V),Current(A),Power(W),Solar_Power(W/m²)
1,35.028,9.112,319.200,0.0
2,34.694,10.609,368.100,0.0
3,36.811,4.087,149.700,0.0
4,37.341,3.991,149.000,0.0
5,37.252,3.987,148.500,0.0

# Total Historical Records: 5
# End of Historical CSV Data
#
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第四步，选中 CSV 格式段的数据，如图中，再右键复制。再新建一个普通的 txt 文件文件，把改内容粘贴上。

第五步，该 txt 文件，手动修改文件名，改为.csv 格式，再用 excel 打开。

