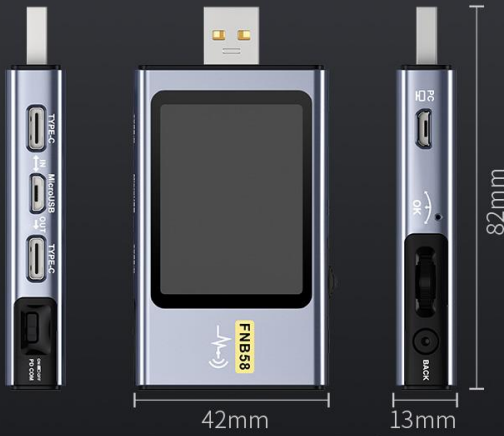


PRODUCT PARAMETERS



INDEX	RANGE	RESOLUTION	ACCURACY
Monitor voltage	4~28V	0.00001V	±(0.2%+2)
Monitor current	0~7A	0.00001A	±(0.5%+2)
Monitor power	0~140W	0.00001W	±(0.5%+2)
Load Equivalent Internal Resistance	0~9999.9Ω	0.0001Ω	±(0.5%+2)
D+/D- voltage	0~3.3V	0.001V	±(1.0%+2)
Device Temperature	°C	1°C	±(1.2%+3)
	°F	1°F	±(1.2%+4)
Capacity	0~9999.99Ah	0.00001Ah	
Energy used	0~9999.99Wh	0.00001Wh	
Cable internal resistance	0~9999.9Ω	0.0001Ω	
Equipment runtime	99 days 23:59:59	1s	
Record time	99 days 23:59:59	1s	

*The various data mentioned on this page. Unless otherwise specified, all are from FNIRSI laboratory. Due to the changes of considerable environmental factors in the actual use process, the data will have different errors.

*Product dimensions are measured by hand. There are slight errors in the data. Please refer to the actual product.

PROTOCOL TRIGGER INTERFACE

PD Trigger

27.1144 V 4.99569 A →
135.455 W D 2.442V D 2.378V

0.00V
1 5.00V 3.00A
2 9.00V 3.00A
3 12.00V 3.00A
4 15.00V 3.00A
5 20.00V 3.25A
6 3.30-21.00V 5.00A
7 28.00V 5.00A

0.00A

Qualcomm QC2.0

5.02262 V 0.00000 A →
0.00000 W D 0.603V D 0.000V

5V 9V 12V 20V

Qualcomm QC3.0

5.60671 V 0.00000 A →
0.00000 W D 0.603V D 3.270V

3.4-20.0 V
5.0V
-0.2V +0.2V

SAMSUNG AFC

9.01257 V 0.00000 A →
0.00000 W D 0.600V D 0.068V

9V 12V

HUAWEI SCP

4.90573 V 0.00000 A →
0.00000 W D 0.599V D 0.066V

3.4-5.5 V 25.0 W
5.00 V
-0.02V +0.02V

HUAWEI FCP

11.9904 V 0.00000 A →
0.00000 W D 0.600V D 0.600V

5V 9V 12V

VOOC/WARP

5.60671 V 0.00000 A →
0.00000 W D 2.708V D 2.763V

4.0-5.5 V
5.6V
-10mV +10mV

SVOOC 1.0 10V 5A

10.0442 V 0.00000 A →
0.00000 W D 3.299V D 1.556V

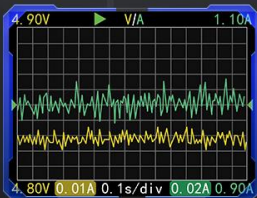
Please wait until the voltage become 10V.
If it takes too long, it may fail.

BLUETOOTH APP AND HOST COMPUTER

Driver-free installation, Synchronous Data Efficient & Convenient; Bluetooth APP overvoltage and overcurrent alarm.

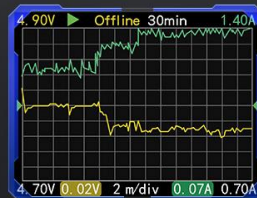


FOUR FUNCTIONAL CURVE DISPLAY



REAL-TIME VOLTAGE AND CURRENT CURVE

View charging curve changes in real time. Abnormal charging is found immediately.



OFFLINE CURVE RECORDING

Supports up to 9 hours offline voltage and current curve recording. Show up during charging.



D+D- VOLTAGE CURVE

Charging protocol changes. Master in real time.



HIGH-SPEED POWER SUPPLY RIPPLE MEASUREMENT

Charger Ripple Measurement. Throw inferior chargers in the trash.

HIGH-SPEED RIPPLE DETECTION QUICKLY JUDGE INFERIOR CHARGERS

It is not recommended to charge the phone with a poor quality charger, which will shorten the life of the battery



<30mv	Excellent
30-120mv	Normal
120-200mv	High
>200mv	Inferior

It can quickly judge the output quality of the charging head by the size of the VPP ripple value

Note: When measuring ripple, it is recommended that the charger be tested with a constant current load
When no-load, the charger is generally in a low frequency power saving mode

