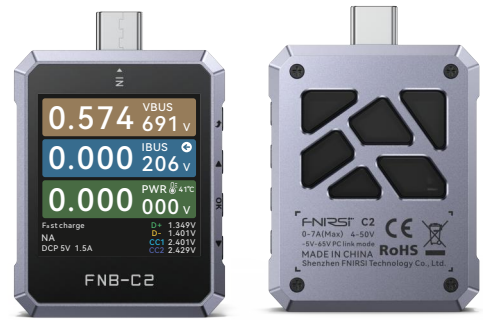


INTRODUCTION

FNB-C2 Type-C Tester is a high-reliability, high-safety USB voltage and current tester. The device features a 1.54-inch 240×240 high-resolution TFT LCD, delivering clear and intuitive data display. Supporting the PD3.1 protocol, it can measure the voltage, current, and power of USB ports, phone chargers, and portable storage devices, monitor smartphone charging performance and the input/output status of power banks, perform fast-charging trigger tests and observe output ripple, and detect whether Type-C cables contain eMarker chips. The FNB-C2 provides comprehensive measurement and monitoring support for fast-charging devices and USB power sources.



FEATURES

- Type-C 1.54" 240×240 high-resolution LCD display
- Supports USB 4 Gen3 with stable high-speed signal transmission
- Real-time monitoring of voltage, current, and power, including energy and consumption statistics
- E-Marker chip detection to identify cable current carrying capacity
- HID interface supporting PC software expansion functions
- Automatic recognition and testing of multiple fast-charging protocols, with PD monitoring for charging compatibility
- Real-time waveform and VBUS curve display
- Languages: Chinese / English



FNIRSI FNB-C2
USB PD3.1 • Type-C Fast Charging Tester
 E-Marker Chip Test & PC Software

20 Bits ADC 50V Max Voltage 6.5A Max Current 240W Max Power

Auto Detect Multiple Protocols
 Covers PD3.1 EPR & Other Mainstream PD/QC Protocols
 Instantly Detects Fast Charging

High & Low Ripple Curve Logging
 Real-time Ripple Monitoring for Power Stability and Device Safety

Battery Capacity Test
 10 Data Sets - Auto-Calculates Phone / Tablet / Power Bank Capacities, Detects Fake or Aged Batteries

TECHNICAL SPECIFICATIONS

Interface	Type-C: USB 4 Gen 3
Current Monitoring	0~6.5A $\pm(0.5\%+2)$ Res:7 digits (0.000001A)
High-Speed Ripple Sampling	20Ksps-2Msps
Low-Speed Sampling	2sps-1Ksps
CC1/CC2 Voltage	0~3.3V $\pm(1.0\%+2)$; Res:0.001V
Energy Consumption	0~9999.99Wh; Res:0.00001Wh
Screen Rotation	4 Directions
Auto Protocol Detection	UFCS/PD2.0、PD3.0/QC2.0/QC3.0/QC4、QC5/FCP/SCP/AFC/VFCP/VOOC/SVOOC1.0/SVOOC2.0/APPLE/BC12/MTK
Auto Scan	VOOC/SVOOC1.0/SVOOC2.0/MTK
Energy Statistics	✓
Real-Time Curve	✓
Voltage Monitoring	4~50V $\pm(0.2\%+2)$ Res:7 digits (0.000001V)
Power Monitoring	0~240W $\pm(0.5\%+2)$ Res:7 digits (0.000001W)
HF Ripple Bandwidth	10 kHz ~ 1 MHz
D+/D- Voltage	0~3.3V $\pm(1.0\%+2)$; Res:0.001V
Capacity	0~9999.99Ah; Res:0.00001Ah
Recording Time	9h; Res:1s
Temp Monitoring	°C $\pm(1.2\%+3)$
Protocol Trigger	PD2.0、PD3.0、PPS、EPR/QC2.0/QC3.0 /AFC/FCP/SCP/VFCP/UFCS/VOOC/SVOOC1.0/SVOOC2.0
Battery Capacity Calculation	✓
Cable Simulation	✓
PC Connectivity	✓

GENERAL CHARACTERISTICS

Display	1.54" TFT LCD (240*240)	Product Color	Silver & Black
Product Size	53*36*10 mm	Product Net Weight	25g
Standard Carton	46.5*39*20.5 cm	Carton Gross Weight	14.25kg
Quantity Per Carton	200 PCS		