

Introduction

The FNAC-28 & FNB-48P & FNB-58 are fast charging protocol detector and triggers with cool metal shells. It specializes in verifying the fast charging capabilities of different chargers, monitoring real-time charging situation with accurate voltage, current, power data, as well as simulating various protocols to supply relevant power to charge electronics which need particular power.

- Metallic texture
- Fast transmission USB3.1 Gen2
- External 16-bit ADC/PD protocol physical chip
- Bluetooth APP/PC Host
- Automatic protocol detection
- Abundant protocols trigger
- Languages: English/Chinese



Features



Technical Specifications

	FNAC-28	FNB-48P	FNB-48P BT	FNB-58	FNB-58 BT
Blue tooth	/	/	✓	/	✓
Transmission rate	TBD	Type C: USB3.1 Gen2		USB A: USB2.0; Type C: USB3.1 Gen2	
Display	1.06-inch HD LCD Screen	1.77" Full-Color TFT LCD Screen		2" TFT LCD Full-Color Screen	
Monitor Voltage	3.8~24V	4~24V ±(0.2%+2); 6 bit 0.00001V		4~28V ±(0.2%+2); 6 bit 0.00001V	
Monitor Current	0~6.5A	0~6.5A ±(0.5%+2); 6 bit 0.00001A		0~7A ±(0.5%+2); 6 bit 0.00001A	
Monitor Power	TBD	0~156W ±(0.5%+2); 6 bit 0.00001W		0~140W ±(0.5%+2); 6 bit 0.00001W	
Hi-speed ripple display	TBD	50K -> 3.2M Sa/s		50K -> 4M Sa/s	
Hi-speed ripple bandwidth	TBD	320KHz		400KHz	
Buzzer	/		/		✓
Gravity sensing screen	180° Flip	90° Flip			
Low speed ripple display	TBD	2sps- > 100sps			

Trigger	QC2.0, QC3.0 / Huawei FCP, SCP / Samsung AFC/VOOC 1.0 / Super VOOC2.0 / VOOC/WARP	QC2.0, QC3.0 / Huawei FCP, SCP / Samsung AFC/VOOC 1.0 / Super VOOC2.0 / VOOC/WARP / PD protocol / PD convert / Packet capture on the PD table
Load equivalent resistance	TBD	0~9999.9Ω ±(0.5%+2); resolution: 0.0001Ω
D+/D- Voltage resolution	TBD	0~3.3V ±(1.0%+2); resolution: 0.001V
Capacity calculation	TBD	0~9999.99Ah; resolution: 0.00001Ah
Energy used calculation	TBD	0~9999.99Wh; resolution: 0.00001Wh
Cable resistance calculation	TBD	0~9999.9Ω; resolution: 0.0001Ω
Running time	TBD	100days; resolution: 1s
Record time	TBD	100days; resolution: 1s
Capacity/Energy Statistics	TBD	10 Groups
Battery capacity calculator	TBD	Default 3.7V, nominal value: 3.0~5V and conversion rate 80-100% adjustable
Additional capacity	TBD	PD Monitor/ Reading DASH cable / Simulate DASH cable / Supports Apple 2.4A acceleration / Tests E-marker cables/Cable resistance
Input port	Dual male: USB A / Type C	Male: USB A & Dual female: Type C / micro USB
Output port	Female: USB A / Type C	USB A female / Type C female
Device temperature monitor	TBD	°C ±(1.2%+3) / °F ±(1.2%+4)
Independent power supply		✓
PC/host		✓

Technical Specifications

	FNAC-28	FNB-48P	FNB-48P BT	FNB-58	FNB-58 BT
Product Material	Aluminum alloy				
Product Color	TBD	black	blue	black	grayish blue
Product size	TBD	78*39*14mm		82*42*12mm	
Product net weight	TBD	38g		44g	
Standard carton	TBD	48*44.5*25cm		48*44.5*25cm	
Carton gross weight	TBD	17kg		19kg	
Quantity per carton	TBD	200PCS		200 PCS	