



2 Channel Battery simulator

PM 2032 is a battery simulator specially designed for production line testing of consumer products, which is used to simulate the charging and discharging processes of batteries. This product has the characteristics of rich channel resources, settable input and output voltages, settable input and output current ranges, and is extremely suitable for consumer electroacoustic PCBA testing.

General specifications

PM2042 parameter	
Battery simulator channel num	2
Work voltage	220V
Dimension(mm)	440*350*88
Connection type	RS232
Working temperature	-20°C~50°C

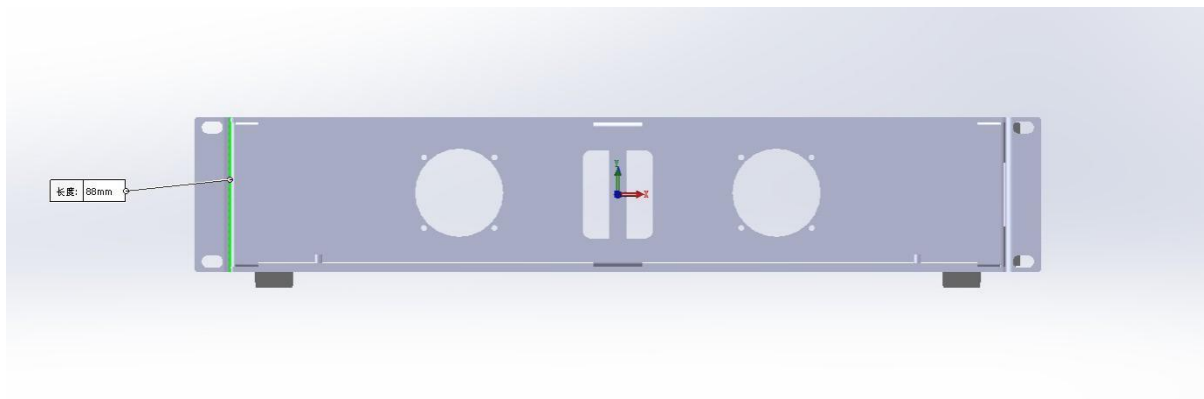
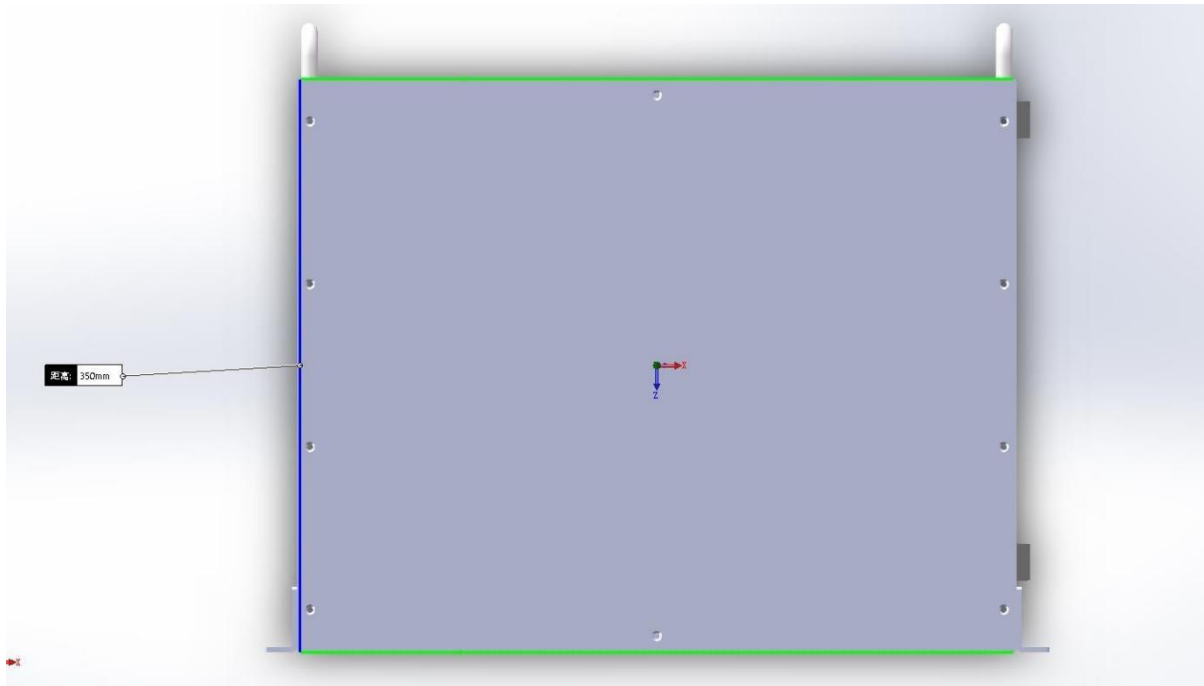
General features

- 2 channel battery simulator
- Hd TFT touch screen, value can be set by touch
- Input and output voltages can be set
- Input and output current range can be set
- The product uses standard 220V power supply, which is convenient for industrial site use

Technical parameter

Battery simulator parameter		
Out put (discharge)	voltage	0-12V
	current	0-4A
IN put (charge)	voltage	0-12V
	current	0-4A
Set resolution	voltage	0-12V: 1mV
	current	0-200uA: 1nA
		200uA-200mA: 1uA
		200mA-2A: 1mA
Set accuracy	voltage	1mV
Read back resolution	voltage	1mV
	current	0-200uA: 1nA
		200uA-200mA: 1uA
		200mA-2A: 1mA
Read back accuracy	voltage	0.007%+0.04mv
	current	200nA: 1% ±5nA
		200uA: 0.02% ±0.1uA
		20mA: 0.03% ±0.01mA
		200mA: 0.07% ±0.1mA
		1A: 0.15% ±2mA
Load adjustment rate	voltage (2 line method)	4.8%
	voltage (4 line method)	0.004%
Power regulation rage	voltage	0.0005%
Ripple	voltage	Max 25mV

Dimension



Product specifications are subject to change without prior notice



www.megasig.com

Shenzhen MegaSig Measurement & Control Technology Co.,Ltd

Tel: 0755-8950.8393 Fax: 0755-8950.8392

Sales email: sale@megasig.com

Technical support email: support@megasig.com

Address: Room 1002, Unit 2, Building 1, Hongxing Chuangzhi Plaza, Guangming District, Shenzhen,China