

High Voltage DC Power Supply



This series of programmable DC power supplies is a new generation of high-quality programmable linear DC power supplies, featuring multiple windows displaying parameters such as voltage, current, and power simultaneously. This product series is equipped with an RS232 communication interface, combining the characteristics of both desktop and system models. It can be arbitrarily paired with other instruments, integrating into a special-function testing system to meet measurement requirements in various scenarios. The user can edit the upper computer program through the communication protocol, providing great convenience for user operation. This product represents an upgrade from ordinary programmable power supplies and offers significant cost-performance advantages.

- Intelligent Fan Cooling System
- Multiple data storage functions
- Standard 19 inch 4U instrument architecture design
- Supports RS-232 communication
- 0.1V, 0.01mA readback resolution
- OCP, OVP, OTP and other protection functions
- Internal temperature detection function

Model		MDH-200H01
Input voltage		AC 220V±10% 50Hz/60Hz
Rated output	Voltage	0~2000V
	Current	0~1A
Load regulation rate	Voltage	≤0.01%FS±2 digits
	Current	≤0.01%FS±2 digits
Power Regulation rate	Voltage	≤0.3%FS
	Current	≤0.3%FS
Setting resolution	Voltage	0.1V
	Current	0.1mA



Setting accuracy	Voltage	$\leq 0.3\%FS \pm 1$ digits
	Current	$\leq 0.3\%FS \pm 1$ digits
Back-read resolution	Voltage	0.1V
	Current	0.01mA
Readback accuracy	Voltage	$\leq 0.05\% + 3$ digits
	Current	$\leq 0.1\% + 0.5mA$
Ripple and noise	Voltage	$\leq 0.2\%FS$ (measured at 20%-100% output)
Falling time (2000V-50V)		$\leq 300ms$
Rising time (0-2000V)		$\leq 500ms$
Working environment		0~40°C $\leq 80\%RH$
Dimension (WxHxD)	mm	430*100*500
Gross Weight	kg	27