



## MPS-3600H Series

MPS-3600 HSeries is a new generation of high-precision programmable DC power supply.

This series of products is equipped with a standard communication interface, which has both

desktop and system characteristics. It can be arbitrarily matched with other instruments and integrated into a special function test system to complete the measurement requirements in different occasions.

## Features

- Digital keyboard and knob to adjust two settings: voltage and current
- Resolution of voltage 1mV, current 0.1mA
- 9 sets of voltage and current storage call function
- Battery charging mode, current upper and lower limit setting function, with alarm
- Stylish and compact appearance, affordable price and high precision
- Linear power supply, low ripple and noise
- Remote measurement terminal (SENSE) on the rear panel, used to compensate the line voltage drop
- Standard computer interface RS-232

model		MPS-3603H	MPS-3605H	MPS-6003LP
Rated output voltage		0-36V	0-36V	0-60V
Rated output current		0-3A	0-5A	0-3A
Rated output power		108W	180W	180W
Load regulation	Voltage	0.02% + 5mV	0.02% + 8mV	0.02% + 5mV
	Electric current	0.02% + 5mA	0.02% + 5mA	0.02% + 5mA
Power regulation	Voltage	0.02% + 5mV	0.02% + 8mV	0.02% + 5mV
	Electric current	0.02% + 5mA	0.02% + 5mA	0.02% + 5mA
Set resolution	Voltage	1mV	1mV	1mV
	Electric current	0.1mA	0.1mA	0.1mA
Readback resolution	Voltage	1mV	1mV	1mV
	Electric current	0.1mA	0.1mA	0.1mA
	Voltage	$\leq 0.05\% + 8\text{mV}$	$\leq 0.05\% + 8\text{mV}$	$\leq 0.1\% + 2 \text{ bytes}$

Setting accuracy (25 ° C ± 5 ° C)	Electric current	≤0. 1% + 2mA	≤0. 1% + 3mA	≤0. 1% + 2mA
Readback accuracy (25 ° C ± 5 ° C)	Voltage	≤0. 05% + 8mV	≤0. 05% + 8mV	≤0.1% + 2 bytes
	Electric current	≤0. 1% + 2mA	≤0. 1% + 3mA	≤0. 1% + 2mA
Ripple and noise (25 ° C ± 5 ° C)	Voltage	1. 5mVrms	1. 5mVrms	1. 5mVrms
	Electric current	3mA <sub>rms</sub>	3mA <sub>rms</sub>	3mA <sub>rms</sub>
Temperature Coefficient	Voltage	200ppm	200ppm	200ppm
	Electric current	200ppm	200ppm	200ppm
Bare metal size	mm	219 * 95 * 300	219 * 95 * 300	219 * 95 * 300
Packing size	mm	310 * 200 * 420	310 * 200 * 420	310 * 200 * 420
net weight	kg	4. 5	5. 7	5. 7
Gross weight	kg	5. 6	6. 7	6. 7