

# MPS-3600H SERIES

High Precision Programmable DC Linear Power Supply



## General Description

MPS-3600H series is a new generation of high quality programmable DC power supply, which equipped with communication interface

MPS-3600H series power supply has both desktop and system features, can be arbitrary collocation with other instrument and integrated to test system for special functions, to complete the measurement requirements of different occasions, through panel keyboard editing program brings great convenience to the users, is the replacement of the ordinary programmable power supply, has a very high cost performance advantages

## Product features:

- ✓ Digital keyboard and knob adjustment two ways of setting: voltage and current
- ✓ Voltage 1mV, current 0.1mA resolution;
- ✓ 9 sets of voltage and current storage recall function
- ✓ Current upper and lower setting function, with alarming;
- ✓ Stylish small appearance, affordable, high cost performance;
- ✓ Low ripple and noise;
- ✓ The rear panel measures the terminal remotely to compensate for the voltage drop in the wire;
- ✓ Standard with computer interface RS-232;

## Specification

Model	MPS-3603H	MPS-3605H	MPS-3610H	MPS-6003H	MPS-6005H
Rated output voltage	36V	36V	36V	60V	60V
Rated output current	3A	5A	10A	3A	5A
Transforming way	Linear Power Supply	Linear Power Supply	Linear Power Supply	Linear Power Supply	Linear Power Supply
Load regulation rate	Voltage	<0.02%+3mV	<0.02%+3mV	<0.02%+3mV	<0.02%+3mV
	Current	<0.02%+3mA	<0.02%+3mA	<0.02%+3mA	<0.02%+3mA
Power regulation rate	Voltage	<0.02%+3mV	<0.02%+3mV	<0.02%+3mV	<0.02%+3mV
	Current	<0.02%+3mA	<0.02%+3mA	<0.02%+3mA	<0.02%+3mA
Setting resolution	Voltage	1mV	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA
Setting precision	Voltage	≤0.02%+2bytes	≤0.02%+2bytes	≤0.02%+2bytes	≤0.02%+2bytes
	Current	≤0.02%+2bytes	≤0.02%+2bytes	≤0.02%+2bytes	≤0.02%+2bytes
Readback resolution	Voltage	1mV	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA
Readback precision	Voltage	≤0.02%+2bytes	≤0.02%+2bytes	≤0.02%+2bytes	≤0.02%+2bytes
	Current	≤0.02%+2bytes	≤0.02%+2bytes	≤0.02%+2bytes	≤0.02%+2bytes
Ripple	Voltage	1mVrms	2mVrms	3mVrms	1mVrms
	Current	3mA rms	3mA rms	3mA rms	3mA rms
Temperature		0to40°C≤85RH			
		-15to70°C≤85R.H			
W×H×D(mm)	214×108×305	214×108×305	214×108×365	214×108×365	214×108×365

## Rich application functions



Automatic testing, control 4 instruments simultaneously. Automatically judge the upper and lower limit and record testing result.



Sequence operation function, can control 4 instruments switch different conditions cycle test, and record test result and waveform monitoring



Battery charging mode, can measure and record charging waveform and charging data and capacity monitoring