



# METAF

Electronic Solutions – since 1993

## Mini Switching DC Power Supply



[Detailed](#)

### Mini Switching DC Power Supply

#### General

HPS series power supply is single channel output ,High accuracy ,dual LED display .It is continuously adjustable within the rated AC/DC. CV/CC working pattern switch automatically .Full protecting makes it safe to use : over-load protection function.,overheated protection function,short circuit protection function.With the specification of small body ,easy handling, a sturdy case, novel appearance ,good performance, excellent cost effectiveness, It is the ideal power supply unit for science investigation, college, factory, electronic appliance maintenance and etc.

#### Specifications

- Single-channel output
- CC/CV auto switchable
- 110V/220V Switchable
- Over-load protection function.
- Overheated protection function.
- short circuit protection function.
- Coarse/ fine tune the Voltage and Current
- Nice cooling with temperature-controlled fan
- 3/4 digital LED-display for voltage and current•

- Small body, light weight ,only 1.4KG ,easy for carry
- Good performance with excellent cost effective

### Technical indicators

Input voltage	AC 110V/220V, 50/60Hz
Output voltage	0 ~ Nominal value
Output current	0 ~ Nominal value
Voltage resolution	10/100mV
Current resolution	1/10mA
Power effect	$CV \leq 1\% + 10mV$
Effect of load	$CV \leq 1\% + 10mV$
Ripple and noise	$V_{p-p} \leq 1\%$
Voltage display precision	$\pm 1\% + 1\text{digits}$
Current display precision	$\pm 1\% + 2\text{digits}$
Net/gross Weight (KG)	1.4KG /1.7KG
Dimension (mm)	81W × 165H × 220L
Package	8pcs/conton

### Standard Package Contents::

Power supply × 1

Power cord × 1

Test Leads × 1

Uswer manual × 1

### 3 Digits Mini Switching DC Power Supply

Model	voltage	Current	Resolution(V)	Resolution(A)
HPS1505D	0~15V	0~5A	0.1V	0.01A
HPS1510D	0~15V	0~10A	0.1V	0.01A
HPS303D	0~30V	0~3A	0.1V	0.01A
HPS305D	0~30V	0~5A	0.1V	0.01A
HPS3010D	0~30V	0~10A	0.1V	0.01A
HPS602D	0~60V	0~2A	0.1V	0.01A
HPS603D	0~60V	0~3A	0.1V	0.01A
HPS605D	0~60V	0~5A	0.1V	0.01A
HPS1201D	0~120V	0~1A	0.1V	0.01A
HPS1202D	0~120V	0~2A	0.1V	0.01A
HPS1203D	0~120V	0~3A	0.1V	0.01A

### 4 Digits Mini Switching DC Power Supply

Model	voltage	Current	Resolution(V)	Resolution(A)
HPS1505DF	0~15V	0~5A	0.01V	0.001A
HPS1510DF	0~15V	0~10A	0.01V	0.001A
HPS303DF	0~30V	0~3A	0.01V	0.001A
HPS305DF	0~30V	0~5A	0.01V	0.001A
HPS3010DF	0~30V	0~10A	0.01V	0.001A
HPS602DF	0~60V	0~2A	0.01V	0.001A
HPS603DF	0~60V	0~3A	0.01V	0.001A
HPS605DF	0~60V	0~5A	0.01V	0.001A