

INTRODUCTION

The APS-6000 adjustable AC power source is a multi-function AC power source that integrates voltage, current, power and power factors. The internal high-speed processor is a cost-effective, high-stability AC power source.

It is widely used in the production lines, laboratories and quality inspection departments of lighting enterprises, electric tools, household appliances, motors, electric appliances and other fields.

APS-6000 series AC Power Source has the following features:

- Digital display and intuitive reading
- Four windows simultaneously quickly display True RMS Voltage, True RMS Current, Peak Current, Power, Power Factor, Frequency
- Automatic conversion of Voltage and Current ranges to improve measurement accuracy
- Measurement accuracy is not affected by waveforms
- High reliability and long life
- The upper and lower limit parameters can be set freely and have qualified signal power. Batch testing improves efficiency

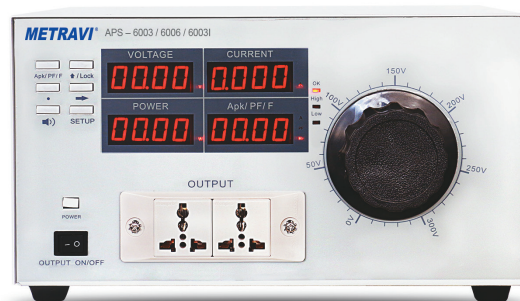
TECHNICAL INDICATORS

Measurement range and basic error for APS-6000

Measurement Item	Measurement Range	Basic Error
True RMS Voltage	1.00 V~300.0V (Automatic range)	$\pm(0.5\% \text{ digits} + 0.1\% \text{ range} + 3 \text{ digits})$
True RMS Current	0.1 mA~3000mA (Automatic range)	$\pm(0.5\% \text{ digits} + 0.1\% \text{ range} + 3 \text{ digits})$
Peak Current	1 mA~3500mA (Automatic range)	$\pm(0.5\% \text{ digits} + 0.1\% \text{ range} + 3 \text{ digits})$
Power	0.01 W~900W	$\pm(0.5\% \text{ digits} + 0.1\% \text{ range} + 3 \text{ digits})$
Power Factor	0.000~1.000	$\pm(0.5\% \text{ digits} + 0.001/ \text{ digits} + 3 \text{ digits})$

Power Supply Requirements

Power Voltage	: 220V $\pm$ 10%
Power Frequency	: 45Hz~65Hz
Max Power	: 1000VA
Weight	: About 10kg



Model	APS - 6003	APS - 6006	APS - 6003I
Input Voltage	AC 220V		
Output Voltage	AC 0-300V Adjustable		
Output Current	3.3A	6.6A	3.3A
Power	1kw	2kw	1kw
Display	V / A / P / PF / F / Apk		
Display Precision	0.5% +2 digits		
Upper Limit Setting	✓		
Output Switch	✓		
Sound Alarming	✓		
Isolate the Output	x	x	✓
Nett Weight (kg)	10	10	10
Gross Weight (kg)	11	11	11.8
Instrument Size (W x H x D)	323 x 180 x 250 mm	323 x 180 x 250 mm	323 x 180 x 250 mm
Packing Size (W x H x D)	406 x 295 x 305 mm	406 x 295 x 305 mm	406 x 295 x 305 mm

