

NAVJY全自动一体电压电流源 电压电流标准源

产品名称	NAVJY全自动一体电压电流源 电压电流标准源
公司名称	南澳电气（武汉）有限公司
价格	.00/台
规格参数	品牌:南澳电气 型号:NAVJY 生产厂家:南澳电气(武汉)有限公司
公司地址	武汉市东湖高新技术开发区光谷大道60号光谷科技产业园8栋
联系电话	027-87677658 15327206266

产品详情

NAVJY全自动一体电压电流源（交直流电压电流标准源）

NAVJY Automatic voltage current source (AC and DC standard voltage and current source)

应用范围

标准源类产品应用于需要精确的且要具备一定功率的交流电压、电流的场合，一般为做交流校准、检验类场合。适用于电力部门、计量部门、质检部门、科研单位、高等院校及电能表、配电终端、用电管理、负荷控制、电能质量、无功补偿等生产研发企业。

Applications range

Automatic voltage current source used for applications requiring precise and to have a certain power of AC voltage and current of the occasion, usually do the exchange calibration, inspection types of occasions. For the power sector, metrology department, quality inspection departments, research institutes, universities and power meter, distribution terminals, power management, load control, power quality, reactive power compensation and other production research and development enterprises.

主要功能

- 1、本系列标准源可以输出带一定功率的交流电压、电流，且在带载时负载调整率非常小，一般小于万分之一。
- 2、本系列标准源可以作为高精密的恒压、恒流源使用，可以用于需要交流功率信号的绝大部分场合。

- 3、本系列标准源可提供1相输出，输出电压在0V~420V之间，电流在0A~100A，具体视不同型号而定。
- 4、输出电压、电流的幅值和相位独立可调，幅值调节细度达量程值的65535分之一，波形解析度为65536，且和输出值大小无关。
- 5、具备360度调相能力，相位调节细度达到0.01度。
- 6、40~400Hz变频能力，频率分辨率达到0.01Hz。
- 7、本系列标准源具有一定的谐波输出能力，谐波输出精度高达0.1%。
- 8、具备电能脉冲输入和输出接口，可以用于需要进行电能检定的场合。
- 9、具备中英文液晶显示界面，具备便捷的按键操作。

The main function

1. This series of AC voltage source can output standard with certain power, current, and when the load load regulation is very small, typically less than one ten thousandth.
2. Majority of this series can be used as high-precision standard source of constant voltage, constant current source is used for applications that require AC power signal may be occasions.
3. This series of standard source can provide 1-phase output, the output voltage between 0V ~ 420V, current 0A ~ 100A, depending on model set.
4. Output voltage, current amplitude and phase independently adjustable amplitude adjustment of 65535 points fineness of scale value, waveform resolution of 65536, and independent of the size and output values.
5. The ability to have a 360-degree phase modulation, phase adjustment fineness of 0.01 degrees.
6. 40 ~ 400Hz frequency capability, frequency resolution 0.01Hz.
7. This series has a standard source of harmonic output capacity, harmonic output accuracy of up to 0.1%.
8. Have the energy pulse inputs and outputs can be used to test the need for electric energy of the occasion.
9. interface with LCD display in English & Chinese, with a convenient key operation.

技术特点

- 1、 远超同行的波形拟合技术，每周波高达5万点的数据拟合量，具备极高的波形解析度和极低的波形失真度。
- 2、 可以输出纯净的、失真度在0.03%（典型值）的正弦功率信号。
- 3、 内置32位400M的数字信号合成器（DDS），系统具有极高的频率分辨率和稳定性，且具有分相变频能力。
- 4、 良好的温度稳定性，内部使用1PPM温度系数的器件，可以常年使用而无需重新校准。

- 5、采用硬件深度负反馈技术，负载调整率低于万分之一，调整时间小于毫秒级。
- 6、内控精度指标优于万分之二。
- 7、完善的过热、过载、短路保护功能。

Technical Features

1. Far more than counterparts waveform fitting technique, waves of up to 50,000 data points fit per week, with a high waveform resolution and low distortion waveform.
2. can output pure, distortion 0.03% (typ) power sinusoidal signal.
2. Built-in 32-bit digital signal 400M synthesizer (DDS), the system has a very high frequency resolution and stability, and has a phase inverter capacity.
2. Excellent temperature stability, using internal device 1PPM temperature coefficient, can use all year round without the need for recalibration.
2. Hardware deep negative feedback, load regulation of less than a million, less than the adjustment time in milliseconds.
2. Internal precision were better than two millionths.
2. Improve overheat, overload, short circuit protection.