



INDUSTRIAL EQUIPMENT

Programmable AC Power Source 3KVA / A3000

Features

- Programmable control voltage and current limits
- Advanced DSP technology provides accurate electronic parameters
- High-peak output current for accurate inrush current testing
- 30 sets of mainstream waveform synchronization built in for simulating various power grids
- Supports waveform distortion simulation
- Comprehensive circuit and fan protection



Switching
Power



UPS



Heating
Element



Bulb



DELTA

Accurate, Fast Response and Easy to Measure

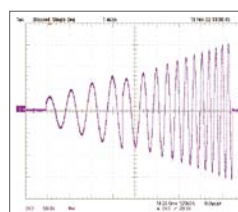
The A3000 programmable AC power source is equipped with advanced DSP technology for accurate electronic parameters such as Vrms, Irms, active power, VA, PF, and more. It also has 30 sets of mainstream waveform synchronization built in. Maximum 3000VA output power and programmable 30–1KHz output frequency. Supports remote control via RS232 or GPIB communication. From design and quality testing to manufacturing testing, the A3000 can fulfill your needs.

Specifications

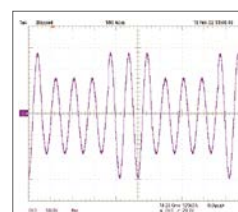
Model Name	A3000
Electrical	
Input voltage range	190-254VAC, 47-63Hz
Max. output power	3000VA
Output voltage range	150V / 300V
Output current range	150V / 30Arms & 300V / 15Arms
Accuracy / resolution of output voltage	± (0.2%+0.2%F.S) / 0.1V
Accuracy / resolution of output current	± (0.4% + 0.3%F.S) / 0.01A
Efficiency	Min 82% (Efficiency under the condition of 100% load)
Line voltage regulation	≤ 0.1% of full scale
Operation mode	CV
Protection	OVP, OCP, OPP, OTP, SCP, Fan lock
Certification	CE
Operating temperature	0 ~ 40°C
Peak current	90A / 45A (150V / 300V)
Mechanism	
Cooling system	Fan Cooling
Dimensions (L x W x H)	520 x 425x 176 mm
Weight	28 Kg
AC input connector	Terminal
DC input connector	Terminal
Communicator	RS232, GPIB

Complete Waveform Simulation

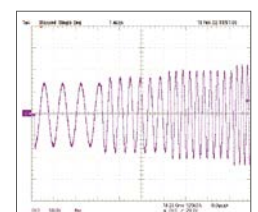
Delta A3000's AC power supply has 30 sets of mainstream waveforms and two sets of customized waveforms to fulfill the needs of various applications such as specific on-board charging, communication equipment, switching power, and more. Supports programmable LIST, PULSE, and STEP via advanced DSP technology for easy simulation of power disturbance testing.



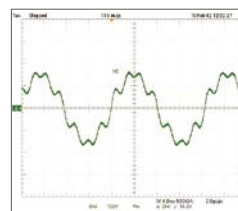
List Mode



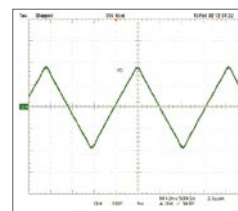
Pulse Mode



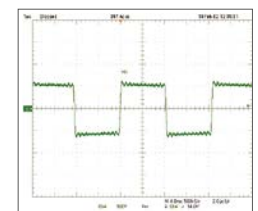
Step Mode



Non Linear



Triangle



Square

Distributor :



Delta



Wechat

Delta Electronics Inc.

