



## INDUSTRIAL EQUIPMENT

### Programmable AC Power Source 6KVA / A6000

#### Features

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



OBC



Communication  
Equipment



Switching  
Power



UPS



# DELTA

# Accurate, Fast Response and Easy to Measure

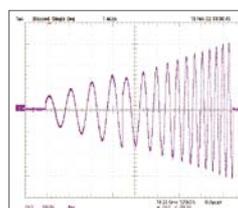
The A6000 programmable AC power source is equipped with advanced DSP technology for accurate electronic parameters such as Vrms, Irms, active power, VA, PF, CFI, and more. It also has 30 sets of mainstream waveform synchronization built in. Maximum 6000VA output power and programmable 30–1KHz output frequency. Supports remote control via RS232 or GPIB communication. From design and quality testing to manufacturing testing, the A6000 can fulfill your needs.

## Specifications

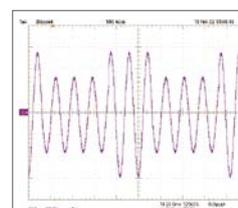
Model Name	A6000
<b>Electrical</b>	
Input voltage range	190-254VAC(3Φ), 47-63Hz
Max. output power	6000VA
Output voltage range	150V / 300V
Output current range	150V / 60A, 300V / 20A
Output voltage accuracy/resolution	± (0.2%+0.2%F.S) / 0.1V
Output current accuracy/resolution	± (0.4%+0.3%F.S) / 0.01A
Efficiency	Min 80% (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	180A / 90A (150V / 300V)
<b>Mechanism</b>	
Cooling system	Fan Cooling
Dimensions (L x W x H)	700 x 546 x 661.5 mm
Weight	116 Kg
AC input connector	Terminal
Communicator	RS232, GPIB

## Complete Waveform Simulation

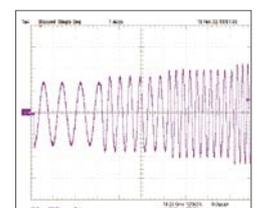
Delta A6000's AC power supply has 30 sets of mainstream waveforms and two sets of customized waveforms to fulfill the needs of various applications such as specific on-board charging, communication equipment, switching power, and more. Supports programmable LIST, PULSE, and STEP via advanced DSP technology for easy simulation of power disturbance testing.



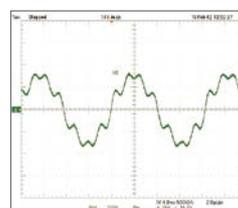
List Mode



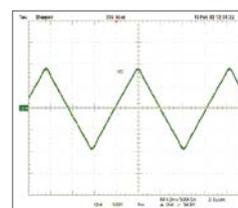
Pulse Mode



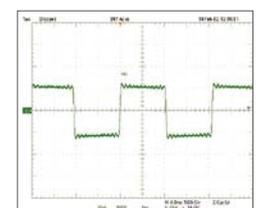
Step Mode



Non Linear



Triangle



Square

Distributor :



Delta



Wechat

Delta Electronics Inc.

