



ASD-1900



9kVA Programmable AC Power Source

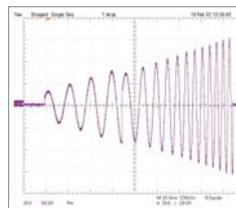
The ASD-1900 programmable AC power source is equipped with advanced DSP technology for accurate electronic parameters such as V_{rms} , I_{rms} , active power, VA, PF, and more. It also has 30 sets of mainstream waveform synchronization built in. Maximum 9000VA output power and programmable 30–1kHz output frequency. Supports remote control via RS232 or GPIB communication. From design and quality testing to manufacturing testing, the ASD-1900 can fulfill your needs.

FEATURES

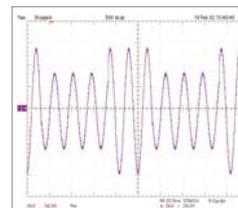
- Programmable Control Voltage and Current Limits
- High-peak Output Current For Accurate Inrush Current Testing
- Advanced DSP Technology Provides Accurate Electronic Parameters
- 30 sets of Mainstream Waveform Synchronization Built In for Simulating Various Power Grids
- Single-phase Parallel or Three-phase Configurations for Different Environments
- Comprehensive Circuit and Fan Protection

A. COMPLETE WAVEFORM SIMULATION

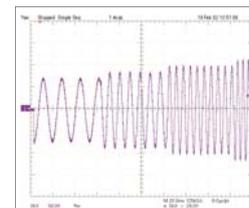
ASD-1900's AC power supply has 30 sets of mainstream waveforms and two sets of customized waveforms to fulfill the needs of various applications such as specific on-board charging, communication equipment, switching power, and more. Supports programmable LIST, PULSE, and STEP via advanced DSP technology for easy simulation of power disturbance testing.



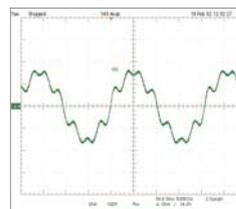
List Mode



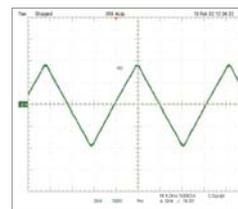
Pulse Mode



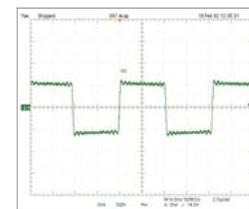
Step Mode



Non Linear



Triangle



Square

SPECIFICATIONS

SPECIFICATIONS	
	ASD-1900
ELECTRICAL	
Input Voltage Range	190-250V _{LL} (3Φ), 47-63Hz, 3P4W or 329-433V _{LL} (3Φ), 47-63Hz, 3P5W
Max. Output Power	9000VA
Output Voltage Range	150V / 300V
Output Current Range	150V / 90A, 300V / 45A (Single Phase); 150V / 30A, 300V / 15A (Three Phase)
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	80% (Efficiency under the condition of 100% load)
Line Voltage Regulation	≤ 0.1% of full scale
Operation Mode	CV
Protection	UVP, OVP, OCP, OPP, OTP, SCP, Fan lock
Certification	CE
Operating Temperature	0 ~ 40°C
Peak Current	270A / 135A (150V / 300V)
MECHANISM	
Cooling System	Fan Cooling
Dimensions (L x W x H)	700 x 546 x 1025 mm
Weight	153kg
AC Input Connector	Terminal
Communicator	RS232, GPIB

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