

LXinstruments GmbH
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TECHNICAL PRODUCT INFORMATION

Test & measurement instruments

- high - quality
- moderate prices
- excellent precision

Your contact:

Technical support, services, demo & rental equipment, price information
& quotes, consulting:

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Product Features

The A2000 Series supports programming functions including STEP/GRADIENT. It also features waveform editing, harmonic superposition, inter-harmonic superposition, and RLC load functions to meet the testing needs of customers across industries.

A2000 Series				
Function Parm.		Version		Normal
		Voltage/Current		
Power				
100kVA		470V/160A	900V/80A	●
200kVA		470V/320A	900V/160A	●
300kVA		470V/480A	900V/240A	●
400kVA		470V/640A	900V/320A	●
500kVA		470V/800A	900V/400A	●
Functions		Four-quadrant AC source		●
		Regenerative AC load		CC/CR/CP/PQ mode
				RLC mode
		Communication interface		RS485/ LAN/ GPIB (Optional)
		DC output		Optional configuration
Power Supply Parameters	Input Parameters	Voltage range		323~440V
		Frequency range		45~65Hz
	Output Parameters	Frequency range		40~70Hz
		Frequency accuracy		±0.01% or 0.005Hz, whichever is higher
		Voltage accuracy		±0.1%F.S.
		Output THD		<0.5%@50Hz/60Hz, <1.0%@40~70Hz (linear load)
		Voltage slew rate		1V/μs
		Current accuracy		±0.1%rd + 0.2%F.S.
		Power accuracy		±0.3%F.S.
		Phase range		0~359.99°
		Phase accuracy		±0.2°
		Harmonics	Harmonic amplitude accuracy	
	Order		Harmonic injection up to 50Hz@60 th , or 60Hz@50 th (max. 3000Hz)	
	Max. content		50%	
	Inter-harmonics	Frequency range		1~3000Hz
	Flicker	Range		1.0~10.0
		Resolution		±0.2
Unbalance	Accuracy		±0.5%	
Load Parameters	Voltage accuracy		±0.1% F.S.	
	Current accuracy		±0.1%rd+0.2%F.S.	
	Frequency accuracy		±0.01% or 0.005Hz, whichever is higher	
	Power accuracy		±0.3%F.S.	
	Resistance	Range		0.9~1000Ω
		Accuracy		<0.3%+0.3% F.S.
	Power factor		-1 ~ 1	
Crest factor		1.414~3		
General Parameters	Max. efficiency		93.4%@470V; 93.7%@900V	
	Cooling mode		Forced air cooling	
	Altitude		≤2000m	
	Operating temperature		-10 ~ 40℃	

Note : ● come with standard equipment

