Programmalbe AC Test Power Supply AN61(F) Series

Ainuo // AC Power Supply



Product Introduction

The AN61(F) Series Programmable AC Test Power Supply adopts SPWM technology, digital processing technology and high-power switching power supply technology, and it can output AC, DC, and AC+DC power supply, providing precise power input for AC load, DC load, rectifier load, etc. With the ability to provide 3-4 times peak current, it is the best test instrument for measuring surge current and can set waveform switch-on and switch-off angles for testing surge current and output maintenance time. It can also set the rate of change of voltage and frequency to scan the range of power input specifications for the object to be tested. The power supply can simulate abnormal instantaneous rise, drop, short circuit, litter and other phenomena in the power grid, and simulate distortion of the mains power waveform through harmonic or interharmonic overlay functions. It can also provide accurate and fast measurement of power parameters and harmonics. The AN61 Series Programmable AC Test Power Supply has excellent power output quality and is widely us. ed in power electronics, military, aviation electronics, IEC standard tests and other industry laboratories and production lines

The AN61(F) Series Programmable AC Test Power Supply has powerful programmable functions and can complete IEC61000-4-11 (pre-certification test)/-4-13/-4-14/-4-28 regulatory immunity tests. In addition, with programmable output impedance, it can be combined with a power analyzer to achieve IEC 61000-3-2/-3-3 harmonic current limitation and flicker regulatory tests, making it the best choice for IEC regulatory tests.





Features

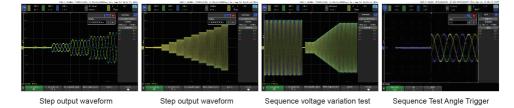
- It has advanced SPWM technology, DSP and FPGA digital processing technology and high-power switching power
- It has output modes include AC, DC, and AC+DC;
- It provides programmable output impedance for IEC61000-3-3 tests;
- It provides voltage and frequency variation tests for IEC61000-4-11, IEC61000-4-14, and IEC61000-4-28:
- It provides harmonic and sub-harmonic waveform synthesis tests for IEC61000-4-13:
- It provides high output peak current for ideal surge current
- It has the pulse output function for voltage dip tests and simulating interference in actual grids;
- It has a step output function, and the step test mode provides a simple automatic switching function to change the output voltage, which changes in a step-like manner instead of gradually;
- It has the sequence output function and the output waveform in the sequence test mode is a combination of all configured serial numbers. Users can edit the required output voltage sequence based on their needs;
- It provides external analog signal input interface for power amplification of external input signals; (available in 615 and 618 Series only)
- It features an LCD, small size, and lightweight, meeting the requirements for standard cabinet installation;
- The 615 and 618 Series is equipped with RS232 communication interface as standard, with optional RS485, GPIB, and Ethernet communication interfaces;
- The AN619(F) Series is equipped with RS485 and Ethernet communication interfaces as standard, with optional RS232 and GPIB communication interfaces.



Applications

Analog power supply input interference

Through pulse, step, sequence, and other output modes, it can simulate arbitrary output waveforms in single-step or continuous mode, simulating grid fluctuations and interference for testing the DUT (device under test).



Switching power supply surge current test

By setting startup and stop angles and providing up to 3-6 times peak current output capability through the output waveform, the AN61 Series Power Supply is an ideal device for testing switching power supply surge currents.

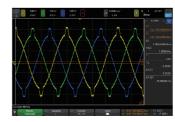






■ Harmonic and interharmonic synthesis (available in 615 and 619 Series only) Can superimpose 2-40 harmonics and interharmonics for more comprehensive harmonic simulation tests.





Harmonic output waveform





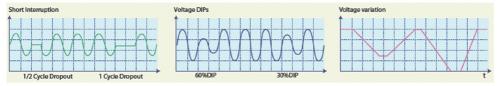
Interharmonic output waveform

AC Power Supply



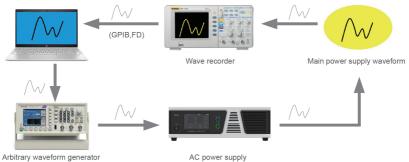
■ IEC regulatory test

The power supply can output test voltages that meet IEC test conditions. The upper computer software also includes the test process for relevant IEC regulations, making it convenient for customers to quickly set up and use.



Arbitrary waveform amplification (available in 615 and 618 Series only)

The AN61(F) Series Programmable AC Test Power Supply can amplify any waveform through an external port. Customers can record the actual waveform on-site using a waveform recorder; send it to the external port of the AN61 power supply for amplification using a waveform generator, thereby achieving a realistic simulation of using the actual on-site waveform to test the DUT (device under test).



Computer control software







Spec	cific	cations											
			Model	AN615 00S-350(F)	AN615 01S-350(F)	AN615 02S-350(F	AN615 () 04S-350(F)	AN615 06S-350(F)	AN618 00S-350(F	AN618) 01S-350(F)	AN618 02S-350(F	AN618) 04S-350(F	AN618) 06S-350(F
		Power s	upply capacity	500VA	1000VA	2000VA	4000VA	6000VA	500VA	1000VA	2000VA	4000VA	6000VA
AC	Voltage			single-r	90∼250V hase two-w	rire +PE	Phase Voltage: 198~250V		single	90∼250V phase two-w	rire +PE	Phase Voltage: 198~250V	
					3-phase 4-wire +PE							3-phase 4-wire +PE	
Input		(Current	8A Max @90V	16A Max @90V	28A Max @90V	18A Max @198V	25A Max @198V	8A Max @90V	16A Max @90V	28A Max @90V	18A Max @198V	25A Max @198V
		Fr	equency		47∼63Hz								
	Power factor #1				≥0.97 ≥0.98 ≥0.97								0.98
		Pha	se number					Single	e-phase				
		Tot	al Power	500VA	1000VA	2000VA	4000VA	6000VA	500VA	1000VA	2000VA	4000VA	6000VA
			Gear range		Low g	rade: 0.0~	175.0V, High	grade: 0.0~	350.0V; L	ow gear/high	gear/autom	atic gear	'
			Resolution		Low grade: 0.0 ∼175.0V, High grade: 0.0 ∼350.0V; Low gear/high gear/automatic gear 0.01V 0.2%+0.2%F.S.								
	١.		Accuracy										
	١ '	/oltage	Distortion #2				0.3%	@50/60Hz;	1%@15~	1000Hz			
AC			Source voltage effect #3						0.1%				
Output			Load effect #4						0.2%				
		Effective	0-175V	5A	10A	20A	40A	60A	5A	10A	20A	40A	60A
,	Currer	value	0-350V	2.5A	5A	10A	20A	30A	2.5A	5A	10A	20A	30A
	Currer /phas	Peak	0-175V	20A	40A	80A	160A	240A	20A	40A	80A	160A	240A
		value	0-350V	10A	20A	40A	80A	120A	10A	20A	40A	80A	120A
		range	Range/Resolution	10/1	20A	40A	OUA	120A	TUA	20A	40A	OUA	120A
	Frequency /Accuracy		15~1000Hz, 0.001Hz, 0.15%										
	Power			250W 500W 1000W 2000W 3000W 250W 500W 1000W 2000W 3000W									
DC	Voltage Gear range/Resolution/Accuracy		-247.5V~247.5V, high gear: -495.00V~495.00V; Low gear/high gear/automatic gear/0.01V/0.1%F.S.										
Output	Current		-247.5~247.5V	2.5A	5A	10A	20A	30A	2.5A	5A	10A	20A	30A
			-495.0~495.0V	1.25A	2.5A	5A	10A	15A	1.25A	2.5A	5A	10A	15A
	Voltage Range/Resolution /Accuracy *5				A	C: 350.00V	DC: 495.0	00V; 0.01V	; 0.2%+0.29	%F.S.			
Measure			Range	24A	48A	96A	160A	240A	24A	48A	96A	160A	240A
-ment			Resolution		0.01A								
accuracy	(Current	Effective value accuracy*6		0.4%+0.6%F.S.								
			Peak value accuracy*6		0.4%+0.6%F.S.								
		Power	Resolution/Accuracy *7	0.01W; 0.4%+0.6%F.S.									
	D	isplay/Wa	veform selection	5-inch color touch screen LCD/Sine wave, square wave, clipped sine wave, 30 sets of built-in waveforms									
	Sta	art-stop an	gle/Knob function/	0-359.9°/Knob adjustment available for conventional mode voltage and frequency settings									
			e output impedance	/0Ω+0μH~1Ω+1mH									
		-	rmonics	2~40 times None									
_	Harmo	onic and interha	armonic simulation bandwidth										
Fun- ction	Hallik		ence mode	2400Hz None									
			se mode	100 steps with 9,999 loops. Voltage, frequency, and phase angle can be programmatically outputted									
			ep mode	9,999 loops. Cyclic changes in voltage amplitude, frequency, and angle/									
				9,999 loops. Change the voltage frequency according to the set voltage and frequency step values									
	Online regulation function			Under the conventional mode, the output voltage and frequency can be adjusted online, and the waveform can be switched online									
	Line drop compensation/Communication interface			The de	The device has Sense terminals that allow remote sampling compensation/RS232 (standard), RS485 (optional), GPIB (optional), and Ethernet (optional)								
Most inc	Remote control				Analog control port (standard)								
Work-ing environment			**************************************	≥92%/Inpu	it abnormality,	bus overvolta	ge, output over		30∼90%R⊦ dervoltage, ou	tput overcurrent	, output overlo	ad, and modul	e overheating
			Height		3U			5U		3U			5U
Shape			nensions	432×134×630 432×222×640 432×134×630					432×222×640				
	(W×H×D mm)			The width does not include the suspension ear, and the width of suspension ear is 24mm; The height does not include the feet, the feet are detachable and 15m The depth does not include the handle, and the depth of the handle is 50 mm.						15mm in height;			
		We	ight (Kg)		≤21		5	40		≤21		5	<u>4</u> 0

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Specifications

Model			Model		AN61903S	AN61905S	AN61906S	AN61910S	AN61912S	AN61915S	AN61920S		
Voltage					-350(F)	-350(F)	-350(F)	-350(F)	-350(F)	-350(F)	-350(F)		
Current (%)-42V)					3000VA	5000VA				15000VA	20000VA		
Propuer Frequency Prover Single-phase Sin													
Power Single-phase Single-phas)	15A Max	22A Max	25A Max		40A Max	50A Max	65A Max		
NPhase number													
Power				r	Single phase	Single-phase	Single-phase		Single-phase	Single-phase	Single-phase		
Range							0 1	0 1					
Resolution		Range											
Voltage													
AC													
Couple		Voltage			0.3%@50/60Hz; 1%@30-100Hz								
Output Current/phase Effective value range 25A 35A 35A 105A 105A 105A 120A 120A 360A 360		vollago											
Current/phase						0.54	0.54		===	1001	1001		
Range	Output	Current/phase											
Frequency					105A	TUDA	IUSA			360A	360A		
Power Range 3000W 5000W 6000W 12000W 12000W 15000W 20000W		Frequency							JI 12				
Power		rioquonoy											
December Current Range 35A 35A 35A 60A 70A 120A		Power		-	3000W	5000W	6000W	10000W	12000W	15000W	20000W		
Outlage			Ra	nge				-495.00~495.0	0V				
Current Range 35A 35A 35A 35A 50A 70A 120A 120A		Voltage	Reso	lution				0.01V					
Noting Range Resolution 0.01V	output												
Measur sement accuracy 5 0.1%F.S. Range Section State		Current		-	35A	35A				120A	120A		
Accuracy '15		37.11											
Measur ement acc		voitage											
Range	Measur		Accura	,	254	25.4	254		704	1204	1204		
Current Variance Current Resolution Effective value accuracy 6		Current	Range										
Effective value accuracy/6 Power Resolution Power Resolution Accuracy '7 Display Waveform selection Start-stop angle Knob function Harmonics Function Func					1437.								
Power Resolution Accuracy '7 Display S-inch color touch screen LCD Waveform selection Sine wave, triangle wave, square wave, clipped sine wave, 30 sets of built-in waveforms, and 6 sets of custom waveforms Start-stop angle Knob function Knob adjustment available for conventional mode voltage and frequency settings Function Harmonics 2-50th Hamonics 2-50th Hamonics 3000Hz Sequence mode 200 steps with 9,999 loops. Voltage, frequency, and phase angle can be programmatically outputted Pulse mode 9,999 loops. Cyclic changes in voltage amplitude, frequency, and angle Step mode 9,999 loops. Cyclic changes in voltage amplitude, frequency, and angle Online regulation Under the conventional mode, the output voltage and frequency care be adjusted online, and the waveform can be switched online Communication interface RS485 (standard), Ethernet (standard), synchronization signal (standard), RS232 (optional), GPIB (optional) Working Temperature 0-40 C Remote control Humidity 30-90%RH Efficiency ** Protection Input abnormality, bus overvoltage, output overvoltage and undervoltage, output overcurrent, output overload, and module overheating Height 432×175×700 432×175×700 432×175×700 432×175×705 432×175×705 432×175×735 432×175×735 432×175×735 The width of 432mm is the standard 19-inch chassis size without handles, with handles the width is 480mm. The height of 707mm/35mm is the front and rear panel size excluding terminals and protective parts, the depth including terminals is 779mm/814mm.	-uracy												
Power Accuracy '7 0.3%F.S.			Peak value accuracy*6										
Accuracy '7 Display Sine wave, triangle wave, square wave, clipped sine wave, 30 sets of built-in waveforms, and 6 sets of custom waveforms Start-stop angle Knob function Function Function Sequence mode Pulse mode Step mode Online regulation Under the conventional mode, the output votage and frequency, and angle some switched online Line drop compensation Communication interface RS485 (standard), Ethernet (standard), synchronization signal (standard), RS232 (optional), GPIB (optional) Remote ontrol Humidity Sequence mode Accuracy '7 Display Sequence mode Sequence mode Pulse and frequency set pulses Pulse an		Power											
Waveform selection Sine wave, triangle wave, square wave, clipped sine wave, 30 sets of built-in waveforms, and 6 sets of custom waveforms		Accuracy *7											
Start-stop angle Knob function Parallel operation function Harmonics Parallel operation function Harmonics Sequence mode Pulse frequency, and phase angle can be programmatically outputted Pulse mode		187											
Knob function Parallel operation function Can achieve parallel operation of multiple units					Sine wave, trial	ngle wave, square	e wave, clipped si		of built-in wavefor	rms, and 6 sets of c	ustom waveforms		
Parallel operation function Harmonics 2-50th 3000Hz Sequence mode Pulse mode Pulse mode Pulse mode 9,999 loops. Cyclic changes in voltage amplitude, frequency, and angle Step mode Online regulation Under the conventional mode, the output voltage and frequency cancording to the set voltage and frequency step values Online regulation Under the conventional mode, the output voltage and frequency can be adjusted online, and the waveform can be switched online Communication interface RS485 (standard), Ethernet (standard), synchronization signal (standard), RS232 (optional), GPIB (optional) None Working Temperature O-40° Humidity Sefficiency Frotection Input abnormality, bus overvoltage, output overvoltage and undervoltage, output overcurrent, output overload, and module overheating Height 432×175×700 432×175×700 432×175×700 432×175×735 432×175×700 432×175×735 432×175×						Knob odiuot	mont available fo		do voltago and fr	nauchau aattinaa			
Harmonics Hamonics induston bandwidth Sequence mode Sequence mode Pulse mode Pulse mode Step mode Step mode Step mode Step mode Online regulation Line drop compensation Communication interface Remote control Working Temperature Environmen Humidity Temperature Fortection Height 432×175×700 A32×175×700 Fine width of 432×175×700 A32×175×700 A32×175×700 A32×175×700 A32×175×700 The width of 132mm is the standard 19-inch chassis size without handles, with handles the width is 480mm. The deight in chassis size excluding terminals and protective parts, the depth including terminals is 779mm/814mm.				ction		KHOD aujusi				equency settings			
Function Hammonic and interhammonic simulation bandwidth Sequence mode 200 steps with 9,999 loops. Voltage, frequency, and phase angle can be programmatically outputted				0.0011			Carracineve		ir or mulupic units				
Pulse mode Pulse federated online, and the waveform can be switched online Pulse federated sampling compared mode be withed online Pulse mode Pulse federated online, and the waveform can be switched online Pulse federated sampling compared mode be withed and pulse of mode online and frequency according to the set voltage and tractal allow remote sampling owners may be mode may be adverted that allow remote sampling compared mode be witched online Pulse mode federated pulse of mode of pulse federated pulse of pulse federated pulse of mode of pulse federated pulse of pulse federated pulse of pulse federated pulse of pulse federated		Harmonic and interf	narmonic simula	ation bandwidth									
Step mode Online regulation Line drop compensation Communication interface Remote control Working Temperature environment Humidity Protection Height A32×175×700 Fine device coutput overvoltage, output overvoltage and undervoltage, output overcurrent, output overload, and module overheating (W×H×D mm) Step mode 9,999 loops. Change the voltage frequency can be saffused and frequency step values Under the conventional mode, the output voltage and frequency can be adjusted online, and the waveform can be switched online The device has Sense terminals that allow remote sampling compensation RS485 (standard), Ethernet (standard), synchronization signal (standard), RS232 (optional), GPIB (optional) None 8292% Protection Height 432×175×700 A32×175×700 A32×175×700 A32×175×700 A32×175×700 A32×175×700 A32×175×700 A32×175×700 A32×175×700 A32×175×700 A32×175×705 A32×17	ction	Seq	uence mode)	200 steps with 9,999 loops. Voltage, frequency, and phase angle can be programmatically outputted								
Online regulation Line drop compensation Communication interface RS485 (standard), Ethernet (standard), synchronization signal (standard), RS232 (optional), GPIB (optional) Working Temperature Humidity Service of the signal si													
Line drop compensation Communication interface Remote control Working etwicomen Humidity Shape Dimensions (W×H×D mm) Line drop compensation The device has Sense terminals that allow remote sampling compensation The device has Sense terminals that allow remote sampling compensation RS485 (standard), Ethernet (standard), synchronization signal (standard), RS232 (optional), GPIB (optional) None 0~40 °C 90%RH Efficiency Protection Input abnormality, bus overvoltage, output overvoltage, output overcurrent, output overload, and module overheating 432×175×700 432×175×700 432×175×700 432×175×705 432×175×700 432×175×705 432×175×700 432×175×705 432×175×													
Communication interface Remote control None Working Temperature environmen Humidity STreeteding Freeted Shape Protection Height 432×175×700 Dimensions (W×H×D mm) Fig. 432×175mm is without feet, with feet the height is 188mm. The feet are detachable. The depth of 700mm/735mm is the front and rear panel size excluding terminals and protective parts, the depth including terminals is 779mm/814mm.													
Remote control None					D0405						7 (t'I)		
Working Temperature 0~40 °C				iace									
Humidity Efficiency *** Protection Height 432×175×700 432×175×700	Working												
Efficiency ® ≥92% Protection Input abnormality, bus overvoltage, output overvoltage and undervoltage, output overcurrent, output overload, and module overheating Height 432×175×700 432×175×700 432×175×700 432×175×735 432×175×700 432×175×735													
Height 432×175×700 432×175×700 432×175×700 432×175×700 432×175×735 432×175×735 432×175×735 432×175×735 Shape Dimensions (W×H×D mm) The width of 432mm is the standard 19-inch chassis size without handles, with handles the width is 480mm. The height of 175mm is without feet, with feet the height is 188mm. The feet are detachable. The depth of 700mm/735mm is the front and rear panel size excluding terminals and protective parts, the depth including terminals is 779mm/814mm.													
Height 432×175×700 432×175×700 432×175×700 432×175×700 432×175×700 432×175×705 432×175×735 432×175×735 432×175×735 Shape Dimensions (W×H×D mm) The width of 432mm is the standard 19-inch chassis size without handles, with handles the width is 480mm. The height of 175mm is without feet, with feet the height is 188mm. The feet are detachable. The depth of 700mm/735mm is the front and rear panel size excluding terminals and protective parts, the depth including terminals is 779mm/814mm.		Protec	tion		Input abnormality	, bus overvoltage,	output overvoltage	and undervoltage,	output overcurrent,	output overload, and	module overheating		
Shape Dimensions (W×H×D mm) The width of 432mm is the standard 19-inch chassis size without handles, with handles the width is 480mm. The height of 175mm is without feet, with feet the height is 188mm. The feet are detachable. The depth of 700mm/735mm is the front and rear panel size excluding terminals and protective parts, the depth including terminals is 779mm/814mm.													
(W×H×D mm) The height of 175mm is without feet, with feet the height is 188mm. The feet are detachable. The depth of 700mm/735mm is the front and rear panel size excluding terminals and protective parts, the depth including terminals is 779mm/814mm.					432×175×700	432×175×700	432×175×700	432×175×735	432×175×700	432×175×735	432×175×735		
The depth of 700mm/735mm is the front and rear panel size excluding terminals and protective parts, the depth including terminals is 779mm/814mm.	Shape	Dir	mensions		The width of 43	The width of 432mm is the standard 19-inch chassis size without handles, with handles the width is 480mm.							
		(W×	H×D mm)		The depth of 7	The depth of 700mm/735mm is the front and rear panel size excluding terminals and protective parts, the depth including							
		Weight	(Ka)		≤25	≤25	≤25	≤26	≤35	≤38	≤38		

Any changes to the above parameter specifications will not be notified separately.



				AN61906A	AN61909A	AN61912A	AN61915A	AN61918A	AN61920A	AN61925A	AN61930A		
Model				-350(F)	-350(F)	-350(F)	350(F)	-350(F)	-350(F)	-350(F)	350(F)		
Power supply capacity				6000VA	9000VA	12000VA	15000VA	18000VA	20000VA	25000VA	30000VA		
AC input	,	Voltage					ltage: 342V-48						
		ent(@342V)		20A Max 25A Max 30A Max 35A Max 40A Max 45A Max 55A Max 65A Max									
		equency		47~63Hz									
		er factor #1		≥0.98 Three-phase & single-phase									
	Pha	ise number		6000VA	9000VA	12000VA	15000VA	& single-phase 18000VA	20000VA	25000VA	30000VA		
	Power	Total power Per phase power		2000VA	3000VA	4000VA	5000VA	6000VA	6667VA	8333VA	10000VA		
		Range Resolution		0.00~350.00V									
								01V					
		Prec						%F.S.					
	Voltage	Distor	tion #2			(0.3%@50/60Hz	; 1%@30-100H	-lz				
AC		Source	effect #3	≤0.02%									
Output		Load e					≤0.	02%					
			Three-phase mode		35A	35A	35A	35A	60A	60A	60A		
	Current/phase		Single-phase mode		105A	105A	105A	105A	180A	180A	180A		
			Three-phase mode		105A	105A	105A	105A	180A	180A	180A		
			Single-phase mode	315A	315A	315A	315A	315A	540A	540A	540A		
	_	Rai						100.000Hz					
	Frequency	Resolution Accuracy						D1Hz					
			power	6000W	9000W	12000W	15000W	18000W	20000W	25000W	30000W		
	Power	Power pe		2000W	3000W	4000W	5000W	6000W	6667W	8333W	10000W		
				200011	000011	100011	1	~495.00V	000711	000011	1000011		
DC	Voltage	Range Resolution						01V					
output		Accu						%F.S.					
			Single channel	35A	35A	35A	35A	35A	60A	60A	60A		
	Current	Range	Parallel connection	105A	105A	105A	105A	105A	180A	180A	180A		
	Voltage	Range		AC: 350V; DC: 495.00V									
		Resolution		0.01V									
		Accuracy #5		0.1%F.S.									
Measur -ement		Range	Effective value	105A	105A	105A	105A	105A	180A	180A	180A		
acc			Peak value	315A	315A	315A	315A	315A	540A	540A	540A		
-uracy	Current	Resolution		0.01A									
		Effective value accuracy #6		0.2%F.S. 0.5%F.S.									
		Peak value accuracy **5 Resolution		0.5%F.S. 0.01W									
	Power	Accuracy #7		0.3%F.S.									
	Display							uch screen LCE)				
		orm selection	n	Sine wave, tria	angle wave, squ	uare wave, clipp				nd 6 sets of cu	stom waveform		
		t-stop angle						59.9°					
	Kno	b function		Knob adjustment available for conventional mode voltage and frequency settings									
	Parallel o	peration fund	ction	Can achieve parallel operation of multiple units									
Fun-		armonics		2-50 times									
ction		and interharr		3000Hz									
		ion bandwid	th	200		201 1/1				e u .			
		lse mode		200 steps with 9,999 loops. Voltage, frequency, and phase angle can be programmatically outputted 9,999 loops. Cyclic changes in voltage amplitude, frequency, and angle									
		ep mode		0.0		ige the voltage f					luos		
		ep mode gulation func	tion			output voltage/fre							
		compensat											
		ication interfa		Under the conventional mode, the output voltage and frequency can be adjusted online, and the waveform can be switched online RS485 (standard), Ethernet (standard), synchronous signal (standard), RS232 (optional) and GPIB (optional)									
		ote control		None									
Working		nperature		0~40°C									
environment		lumidity			30~90%RH								
	Efficien							2%					
	Protec			Input abnormalit	y, bus overvoltag	je, output overvol	tage and undervo	oltage, output ove	ercurrent, output	overload, and m	odule overheatin		
		Height						IU.					
						432×175×700					432×175×735		
Shape		mensions :H×D mm)		The height of 1 The depth of 7	The width of 432mm is the standard 19-inch chassis size without handles, with handles the width is 480mm. The height of 175mm is without feet, with feet the height is 188mm. The feet are detachable, The depth of 700mm/735mm is the front and rear panel size excluding terminals and protective parts, the depth including terminals is 779mm/814mm.								
	Weight	(Kg)		≤45	≤45	≤45	≤45	≤45	≤52	≤52	≤52		
						Any cho	nage to the ah	ove narameter	enacifications	will not be noti	fied congratel		

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Specifications

		Model		ANIC4050D 250/5\	ANICAGEOR SEG/E	ANG407EB 250/E)	ANIC4000D 250/5	ANIC40400B 250/5)	ANIC40400D 250/5\				
	Power supply capacity					75kVA	90kVA	AN619100B-350(F) 100kVA					
		Suppiy capac Voltage	жу	50kVA	60kVA	Lin voltage: 342V-480			120kVA				
AC input		rent(@342V)		110A Max	130A Max	165A Max	195A Max	220A Max	260A Max				
		requency		110A Max									
		ver factor #1		4/~63Hz ≥0.98									
		ase number		Three-phase& Single-Phase									
			power	50kVA	60kVA	75kVA	90kVA	100kVA	120kVA				
	Power	Per phase power		16.66kVA	20kVA	25kVA	30kVA	33.33kVA	40kVA				
		Range		0.00~350.00V									
		Resolution		0.01V									
		Accuracy		0.1%F.S.									
	Voltage	Distor	tion #2	0.3%@50/60Hz; 1%@30-100Hz									
AC		Source	effect #3	≤0.02%									
Output		Load e	effect #4		≤0.02%								
		Effective	Three-phase mode		120A	180A	180A	240A	240A				
	Current	value range	Single-phase mode	360A	360A	540A	540A	720A	720A				
	Odifont		Three-phase mode		360A	540A	540A	720A	720A				
		range	Single-phase mode	1080A	1080A	1620A	1620A	2160A	2160A				
			nge				100.000Hz						
	Frequency		lution				01Hz						
		Accı					01%						
	Power		power	50kW	60kW	75kW	90kW	100kW	120kW				
-			er channel	16.66kW	20kW	25kW	30kW	33.33kW	40kW				
DC	Voltage Current	Range		-495.00~495.00V									
output			lution	0.01V									
-		Accuracy		0.1%F.S.									
		Range	Single channel Parallel connection	120A	120A	180A	180A	240A	240A				
		Range		333.1 333.1 333.1 723.1									
	Voltage	Resolution		AC: 350V; DC: 495.00V 0,01V									
	Voltage	Accuracy #5		0.01V 0.1%F.S.									
Measur		Effective value		360A	360A	540A	540A	720A	720A				
-ement		Range	Peak value		1080A	1620A	1620A	2160A	2160A				
acc	Current	Reso	lution	1000/4	1000A		01A	2100A	2100A				
-uracy	Odiront	Effective value accuracy #6											
		Peak value accuracy #6		0.5%F.S.									
		Resolution		0.01W									
	Power	Accuracy #7		0.3%F.S.									
		Display		5-inch color touch screen LCD									
Ī	Wave	form selectio	n	Sine wave, triangle wave, square wave, clipped sine wave, 30 sets of built-in waveforms, and 6 sets of custom waveforms									
	Star	t-stop angle		0-359.9°									
[Kn	ob function		Knob adjustment available for conventional mode voltage and frequency settings									
	Parallel c	peration fund	ction	None									
Fun-	Н	larmonics		2-50th									
ction	Harmonic	and interharr	nonic	3000H ₂									
	simulat	tion bandwidt	th	3000Hz									
Į.		uence mode		200 steps with 9,999 loops. Voltage, frequency, and phase angle can be programmatically outputted									
		ulse mode		9,999 loops. Cyclic changes in voltage amplitude, frequency, and angle									
		tep mode		9,999 loops. Change the voltage frequency according to the set voltage and frequency step values									
		egulation fund		Under the conventional mode, the output voltage and frequency can be adjusted online, and the waveform can be switched online									
		op compensa				Sense terminals that							
		nication interf	ace	RS485 (standa	ard), Ethernet (star	ndard), synchronous		S232 (optional) and G	PIB (optional)				
		mote control		None									
Working environment													
on WILLIAM III MINI		Humidity		30~90%RH									
	Efficien			≥92%									
Cherr	Protec			Input abnormality, bus overvoltage, output overvoltage and undervoltage, output overcurrent, output overload, and module overheating 600x1,230 (the height with casters is 118)x 1,000									
Shape		ns (W×H×D ı	mm)	-222				1	-410				
	Weight	(Ng)		≤330	≤330	≤380	≤380	≤440	≤440				

Notes:

- #1. Power factor is the measurement result of resistive load at rated power with input rated voltage of 380VLL and output usage;
- #2. Distortion is the measurement result of resistive load at rated power with an output voltage of 250V;
- #3. Source effect is calculated by the measured output voltage under two conditions: input rated voltages of 380VLL and 420VLL during no-load;
- #4. Load effect is calculated by the measured output voltage under no-load and the output measurement at rated power using a resistive load with an output voltage of 250V;
- #5. The FS appearing in parameters related to AC voltage and DC voltage in the parameter table refers to the corresponding AC and DC maximum output voltage values of the voltage measurement range of the corresponding model machine.
- #6.The FS appearing in parameters related to current in the parameter table refers to the maximum measured current effective value and peak value of the current measurement range of the corresponding model machine.
- #7. The FS appearing in parameters related to power in the parameter table refers to the maximum measured power value of the corresponding model machine;
- #8. The efficiency is the measurement result of resistive load measured at rated power with input voltage set at the input rated voltage of 380VLL and output voltage at 250V;

Any changes to the above parameter specifications will not be notified separately. The power supply parameters at the time of shipment shall prevail.