



AN97 Series Frequency Converter Power Supply

- Main Features:**
- Use high frequency pulse width modulation and IGBT to achieve stable sine waveform voltage;
 - Adapt patent anti-shock technology, suitable for resistive, capacitive, inductive loads;
 - Automatic constant current technology, maintained over 5s not damaged and not protect under a short-circuit circumstances;
 - Voltage and frequency adjustable online, remote control by PC communication;
 - Over-current, over-power, over heat and abnormal situation protection;
 - Six shortcut groups, memory voltage, frequency and up(down) float value of voltage;
 - Clear VFD/LED display, High-density laminated structure, small size;
 - Compensation function of line voltage for 20kW or above.



SinglePhase Output Series

 ZL2004 2 0073161.5
(Numerical Control Amplification Device with Numerical Control Power Supply for Processing Power and Intermediate Frequency Signal)
200720029327.7
(Impact Resistance PWM Inverter Power Supply Circuit)

AN97 SinglePhase Output Frequency Converter Power Supply

AN97 SinglePhase Output Frequency Converter Power Supply	
Output Mode	Single-phase output, sine wave output
Output Voltage	Auto (Low Gear)1~150V,(High Gear)151~300V,Lock:(High Gear)1~300V
Voltage Stability	<1%
Output Frequency	45~65Hz Continuous and Adjustable、100Hz、120Hz、200Hz、240Hz、400Hz
Frequency Stability	<0.1%
Shortcut Group	Six Shortcut Group
Waveform Distortion Rate	<1.5%
COM Interface	RS232(RS485 Optional、Remote Control Interface)

Model	AN97000H(F)	AN97001H(F)	AN97002H(F)	AN97003H(F)	AN97005H(F)	AN97008H(F)	AN97010H(F)	AN97010TSH(F)
Output Mode	Singlephase ,3-line Input							3-phase Four-wire Input
Display Mode	VFD Display							
Efficiency	>70%			>80%				
Output Capacity	500VA	1kVA	2kVA	3kVA	5kVA	8kVA	10kVA	
Output Current	110V	4.6A	9.2A	18.2A	27.4A	45.6A	72.8A	92.0A
	220V	2.3A	4.6A	9.1A	13.7A	22.8A	36.4A	46.0A
Dimension (W×H×D) (mm)	480×200×500		483×580×370		483×780×370		483×900×570	

Model	AN97015TS(F)	AN97020TS(F)	AN97030TS(F)	AN97045TS(F)	AN97060TS(F)	AN97100TS(F)	AN97150TS(F)
Input Mode	3-phase, 4-wire Input						
Display Mode	LED Display						
Efficiency	>85%						
Wire Voltage Compensation	No	Yes (Compensation Range: 1~999m Ω)					
Output Capacity	15kVA	20kVA	30kVA	45kVA	60kVA	100kVA	150kVA
Output Current	110V	136.4A	182A	273A	410A	546A	908A
	220V	68.2A	91A	136.5A	205A	273A	454A
Dimension (W×H×D) (mm)	600×1100×900		600×1300×900		750×1400×1100		900×1600×1295

Adopting parallel technology, able to customize power supply of larger power capacity



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Three-Phase Output Series

AN97 Three Phase Output Frequency Converter Power Supply

- Main Features:**
- Use high frequency pulse width modulation and IGBT to achieve stable sine waveform voltage;
 - Use digital frequency division, phase lock, waveform instant feedback for stability and accuracy, full isolated output;
 - Suitable for resistive, capacitive, inductive loads;
 - Over-current, over-power, over heat and abnormal situation protection.

	AN97015TT(F)	AN97030TT(F)	AN97045TT(F)	AN97060TT(F)	AN97090TT(F)	AN97120TT(F)	AN97150TT(F)	AN97180TT(F)
Input Mode	3-phase, 4-wire Input							
Output Mode	3/Single-phase output, sine Wave Output							
Output Voltage	Phase Voltage:(Low Gear)1~150V,(High Gear)151~300V; Wire Voltage:(Low Gear)1~260V,(High Gear)261~520V							
Output Voltage Stability	<1%							
Output Frequency	45~65Hz Continuous and Adjustable							
Frequency Stability	<0.1%							
Efficiency	>85%							
Waveform Distortion Rate	<2%							
COM Interface	RS232(RS485 Optional)							
Display Mode	LED Display							
Output Capacity	15kVA	30kVA	45kVA	60kVA	90kVA	120kVA	150kVA	180kVA
Output Current	110V	45.6A	92.0A	136.4A	182A	273A	364A	454.5A
	220V	22.8A	46A	68.2A	91A	136.5A	182A	227.3A
Dimension (W×H×D) (mm)	600×1200×1000		700×1300×1200		800×1500×1300		1000×1600×1750	

Remarks: ①AN97300TT(F) is carried out by 3 sets of AN97100TS(F) paralleled
②AN97450TT(F) is carried out by 3 sets of AN97150TS(F) paralleled
③Super large power capacity power supply can be customize by paralleling technology