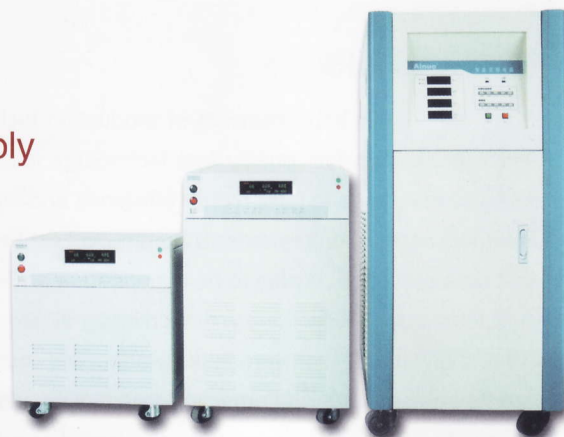




### AN97 Series Frequency Converter Power Supply

#### 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							
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: 1-999mΩ )					
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