

## AC Constant Current Power Supply AN77(F) Series



### Product Introduction

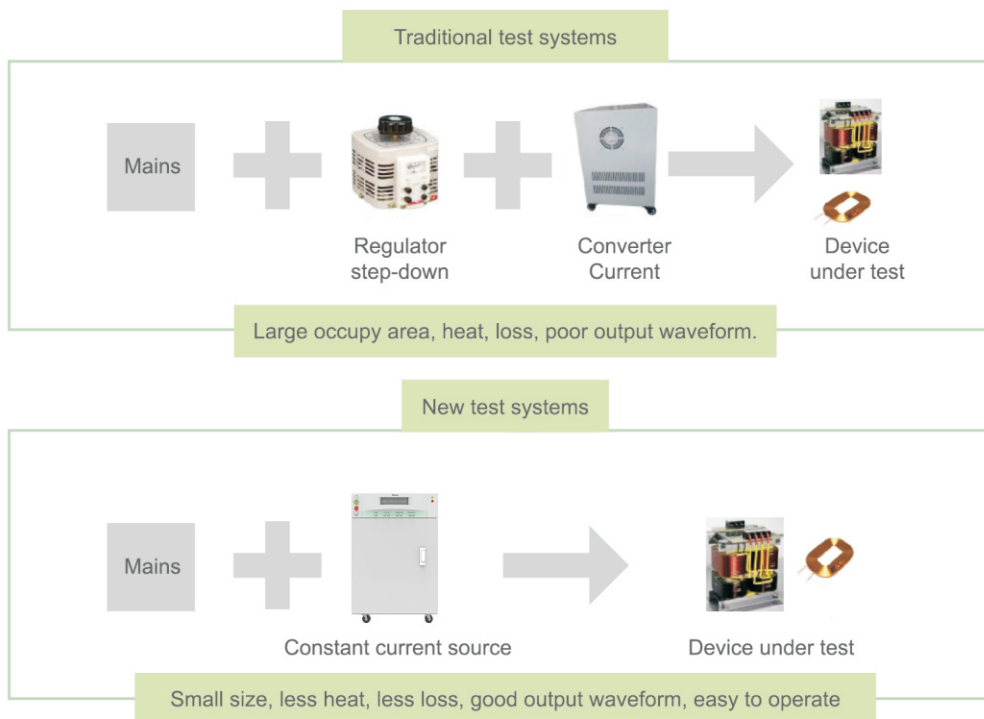
The AN77(F) series intelligent variable frequency power supply adopts digital technology and IGBT intelligent output, pure output wave. The power supply can output constant current AC wave, which can be used for short circuit. It outputs constant large current under the condition of small voltage, which can be used for detection of low-voltage power distribution devices such as air circuit breakers, contactors, and transformers, design and production of transformers and inductance devices. It is an ideal tester for device manufacturers, quality inspection institutes, and certification centers for applications with high current test conditions and low energy waste caused by the consumption of the load.

### Features

- Low-voltage, high-current AC output to meet the test requirements of relevant regulations;
- Output frequency of 45~65Hz, suitable for the test requirements of different grids and devices;
- Adjust current and frequency in output state;
- Measurement: voltage, current, frequency, active power;
- Power-off memory and shortcut keys;
- Key lock, humanization design to prevent mis-operation;
- Standard RS232 port, optional RS485 port or remote control port.
- Custom of current source of any voltage level and current.

### Applications

- Replace traditional voltage/current regulation, precise control, convenient operation.



## Specifications

Model			AN77020-30(F)	AN77050-15(F)	AN77100-15(F)	AN77200-15(F)	AN77400-15(F)	AN77600-15(F)
Capacity			600VA	750VA	1.5kVA	3kVA	6kVA	9kVA
Input	Voltage		Single-phase 2 wires+PE Phase voltage: 220V±22V				Three-phase 4 wires+PE Line Voltage: 380V±38V	
	Frequency		50Hz±2.5Hz					
Output	Current		20A	50A	100A	200A	400A	600A
	Voltage、 Frequency		Single-phase 2 wires; 20A output: 0~30.0V , Other output: 0~15.0V; Frequency: 45.0~65.0Hz					
	Setting accuracy	Current	Resolution: 0.01A/0.1A, Accuracy: 0.3%×reading value+0.3%×full scale value					
		Frequency	Resolution: 0.1Hz, Accuracy: 0.1%					
	Testing accuracy	Current	Resolution: 0.01A/0.1A, Accuracy: 0.3%×reading value+0.3%×full scale value					
		Frequency	Resolution: 0.1Hz, Accuracy: 0.1%					
		Voltage	Resolution: 0.01V, Accuracy: 0.3%×reading value +0.3%×full scale value					
		Power	Resolution: 1W, Accuracy: 0.45%×reading value +0.45%×full scale value					
	Frequency stability		≤0.1%					
	Voltage distortion		Linear load: THD<2%					
	Transient recovery time		20ms					
	Crest factor		1.41±0.1					
	Source voltage effect		≤0.5%					
	Load effect		≤0.5%					
	Protection mode		Overvoltage protection, overload protection, power device overheating protection					
Function	Display		VFD					
	Online adjustment function		The output voltage and frequency （45~65Hz） can be adjusted online under status					
	Memory function		Power down memory function, memory last output mode and parameters;					
	Communication		Standard: RS232; Optional: RS485、 Analog control port					
Environment	Temperature and humidity		0~40℃ , 20~90%RH					
Dimension W×H×D(mm)			483×174×452			483×750×400		483×908×570
Weight (Kg)			30	40	54	62	90	130