



It is mainly used for the electrical testing and debugging of exported electrical products by manufacturers or export traders and the power supply for precision instruments. It is widely used in home appliance manufacturing, electrical machinery, electronics manufacturing, IT industry, computer equipment, laboratories, etc.

★ Home appliance manufacturers such as: test power supplies for air-conditioning equipment, coffee machines, washing machines, juicers, microwave ovens, radio tape recorders, refrigerators, DVDs, cleaners, electric shavers and other products.

★ Manufacturers in the motor and electronics industry, such as switching power supplies, transformers, electronic ballasts, AC fans, uninterruptible power systems, chargers, relays, compressors, motors, passive components, and other product test power supplies.

★ Test power supplies for IT industry and computer equipment manufacturers such as fax machines, photocopiers, paper shredders, printers, scanners, burners, servers, displays and other products.

★ Laboratories and testing units such as: AC power supply testing, product life and safety testing, electromagnetic compatibility testing, OQC (FQC) testing, product testing and R&D, research unit best AC power supply.

★ Aviation/military units such as test power supplies for airport ground facilities, ships, aerospace, military research institutes, etc.

General technical indicators

Specification	Three-in/single-in and single-out program-controlled variable frequency power supply
Input power	10KVA and below: single-phase 220V±10%; 50Hz±5Hz Above 10KVA: Three-phase 380V±10%, three-phase four-wire + ground wire; 50Hz±5Hz
Output voltage range	Low-gear 1.0 ~ 150.0V, high-gear 150.1 ~ 300.0V
Output frequency	Be adjustable from 45-400Hz, the adjustment step is 0.1Hz, shortcut keys: 50Hz, 60Hz, 400Hz
Frequency stability	≤0.1%
Voltage stability	≤1%
Distortion degree	≤2% (THD)
Crest factor	1.41±0.10
Source voltage effect	≤1%
Load effect	≤1%
Efficiency	≥90% (≥80% for capacity of 3kVA and below)
Frequency display	0.1% of reading, resolution 0.1Hz
Voltage display	± (1% reading + 0.1% range), resolution 0.1V

Current display	± (1% reading + 0.1% range), resolution 0.001A/0.1A
Power display	
Power factor display	
Preset function	
Shortcut function	
Alarm function	
Overload capacity	
Overheat protection	
External communication interface (optional)	RS-232C
Enclosure protection grade	IP20
Chassis structure	desktop (500VA, 1kVA), cabinet (vertical) type (with casters)
Working environment	Temperature: -10°C~40°C Humidity: 10%~90% (25°C without condensation), Altitude height≤2000m

Specification		single in, single out 500VA	single in, single out 1KVA	single in, single out 2KVA	single in, single out 3KVA	single in, single out 5KVA	single in, single out 10KVA
Capacity (kVA)		0.5	1	2	3	5	10
Maximum load current (A)	High gear	2.08	4.16	8.33	12.5	20.83	41.66
	Low gear	4.16	8.33	16.66	25.0	41.66	83.33

Specification		Three in single out 15KVA	Three in single out 20KVA	Three in single out 30KVA	Three in single out 45KVA	Three in single out 60KVA	Three in single out 100KVA
Capacity (kVA)		15	20	30	45	60	100
Maximum load current (A)	High gear	62.5	83.3	125.0	187.5	250.0	416.6
	Low gear	125.0	166.7	250.0	375.0	500.0	833.3

The image shows the control panel of the JK9500 AC Power Source, divided into two main sections: MEASURE and SET.

MEASURE Section:

- Voltage:** Displayed as 01.0 V.
- Total Current:** Displayed as a bar graph with a value of approximately 1.0 A.
- Frequency:** Displayed as a bar graph with a value of approximately 50 Hz.
- Active Power:** Displayed as a bar graph with a value of approximately 10 W.

SET Section:

- Vset:** Setpoint for Voltage, currently blank.
- Fset:** Setpoint for Frequency, currently blank.
- Address:** Setpoint for Address, currently blank.

Status Bar (Bottom):

- PF=----
- Rtime= 00D 00H 00M --S