



FREQUENCY CONVERTER

2KVA~150KVA



Ideal applications

Aviation, Lab, Appliance Manufacturer, Medical Treatment, IT Industry, Motor Manufacturer, Scientific Research unit

- 50Hz 60Hz or 400Hz input frequency
- 0-300VAC output voltage (selectable)
- 40Hz to 499.9Hz output frequency range
- Programmable key lock setting output frequency
- Easy-to-read LEDs display output voltage, frequency, Ampere, Wattage & Power factor
- Stable true sine wave output
- Self-detection at power on
- Galvanic isolation, No Harmonic Distortion
- PWM Technology minimizes the volume and weight
- IGBT technology increases the efficiency and reliability, eliminates the noise
- Capable of generating all kinds of frequencies used in all countries
- 300% overload capability
- Breaker/alarm for overload, over temperature, and short circuit protection
- Suitable for use with RC, RL and non-linear loads

Control Panel



- 1 Frequency
- 2 Voltage
- 3 Ampere
- 4 Wattage
- 5 Input Power On
- 6 OFF/Reset Switch
- 7 Output Frequency/Programmable Key Lock Setting/Provides Accurate & Stable Frequency
- 8 0-150V(Low)/0-300V(High) Output Voltage Selector
- 9 10-Turns Output Voltage Adjustable Knob

- ▶ Standard power source for EMI/EMC safety testing.
- ▶ QA/QC/Life & safety test.
- ▶ Electric machinery product test
- ▶ Superior AC power source for R&D/Laboratory
- ▶ Switchmode power supply test
- ▶ AC fan test
- ▶ Transformer test
- ▶ Compressor test
- ▶ Motor test
- ▶ Air conditioner test
- ▶ Copier/OA Equipment test
- ▶ Computer/monitor/scanner & peripherals test.
- ▶ Triac/SCR test
- ▶ (Home) electrical appliances.
- ▶ Electronic ballast test.

Specifications

Phase	Single	Three
Model	2KVA-49KVA	3KVA-150KVA
Type	IGBT/ Pulse Width Modulation	
INPUT		
VOLTAGE (Selectable)	1 phase 2wire: 110V/120 to 5kVA/220V/230V/240V ± 10%	
	3phase 4wire: wye type 190/110V 200/115V 220/128V 230/132V 240/139V ± 10%	
	3phase 4wire: wye type 380/220V 400/230V 440/254V 460/265V 480/277V ± 10%	
	3phase 4wire: Delta type 220/230/240/380/400/415/440V ± 10%	
FREQUENCY (Selectable)	47Hz-63Hz or 400Hz ± 5%	
OUTPUT		
VOLTAGE	110V Setting (Low Range): 0-150V	(Optional: 0-600V)
	220V Setting (Low Range): 0-300V	
VOLTAGE REGULATION	± ± 1%	
FREQUENCY	40Hz to 499.9Hz (Programmable)	
FREQUENCY STABILITY	± ± 0.01%	
DISTORTION (THD)	True Sine Wave, ± 2%	
FREQUENCY METER	4 LED Digital, Res. 0.1Hz / Step	
VOLTMETER	4 LED Digital, Res. 0.1V	
AMPEREMETER	4 LED Digital, Res. 0.1A	
WATTMETER	4 LED Digital, Res. 0.1W	
PROTECTION	Breaker for Overload, Over Temperature, and Short Circuit	
OPERATING ENVIRONMENT	AMB. TEMP	0-40°C
	HUMIDITY	0-90% (Non-condensing)

◆ All specifications subject to change without notice.
◆ Custom-made specifications are acceptable.