



FREQUENCY CONVERTER

2kVA~150kVA



- 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 Test 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



- 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

POWER

Applications

- 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~45kVA	3kVA~150kVA
Type	IGBT/ Pulse Width Modulation	
INPUT		
VOLTAGE (Selectable)	1 phase 2wire:110V(2 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 4600/265V 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	
VOTAGE REGULATION	≅ ± 1%	
FREQUENCY	40Hz to 499.9Hz(Programmable)	
FREQUENCY STABILITY	≅ ± 0.01%	
DISTORTION(THD)	True Sine Wave, ± 2%	
FREQUENCY METER	4 LED Digitals, Res. 0.1Hz / Step	
VOLTMETER	4 LED Digitals, Res . 0.1V	
AMPEREMETER	4 LED Digitals, Res . 0.1A	
WATTMETER	4 LED Digitals, 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.



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