

# Frequency Converter

## 500VA ~ 120KVA

### Applicable Place

- Use Standard Power Supply In Professional (EMI/EMC/Normal) Lab
- Used In Manufactory (Quality Guarantee/Control/Life Test)
- Best Power Supply For R&D Office.
- Special Power Supply For Test Of Switching Power Supply
- For Test Of Various Electric Machinery Products
- Air Conditioning/Compressor Test
- Air-Conditioning Equipment Test
- Motor Equipment Test
- Photocopier, Scanner, OA Products Test
- Test Of Computer Fittings
- Test Of Display
- Test Of Accessories Of Transformer/TRIAC/SCR. °

### 400HZ:

- Communication Equipment
- Airport Equipment
- Special Power Supply For Aviation Industry, Shipping And Missile Equipment.
- Army Equipment



東方科技公司 ORIENTAL TECHNOLOGY COMPANY



O/B ORIENTAL TECH DEVELOPMENT LTD.  
Unit 2704, Technology Plaza, 29-35 Sha  
Tsui Road, Tsuen Wan, N.T., Hong Kong.  
Tel: 852-24023200 Fax: 852-24133100  
<http://www.otdl.com> info@otdl.com

## Characters

- Input Frequency : 50Hz, 60Hz or 400Hz
- Output Voltage : 0 ~ 300VAC
- Output Frequency : 40.0 ~ 499.9Hz
- Voltage, frequency, current, power are displayed at the same time in four number by LED, simple, readability, High parsed
- Voltage, frequency, current, power are measured, displayed at the same time in four windows, no need to switch
- No radiation interference, including small part of harmonic, which is processed specially, no generation of interference
- Pure and stable sine wave
- Large capacity, small volume, low noise, high reliability. Provide voltage, frequency analog test of electric appliance in accordance with standard of different countries
- Strong overload capability. Instantaneous current can bear rated current of three times
- With voltage, current, high temperature protection and warning device. ◦
- Applicable to resistance, capacitance, inductance and other non-linear load use

## Common Specification

Phase Number		single-phase 1 $\phi$	triple-phase 3 $\phi$
Capacity		2KVA ~ 30KVA	3KVA ~ 120KVA
Making method		IGBT/ Pulse Width Modulation Type	
I N P U T	Voltage (Choose One)	1 $\phi$ 2W 220V or 3 $\phi$ 3W / 4W	
	Frequency (Choose One)	50Hz, 60Hz	
O	Voltage	110V System : 0 – 150V (Low Range) 220V System : 0 – 300V (High Range)	
	Load Voltage Stability Rate	$\leq \pm 1\%$	
U	Frequency	40.0Hz to 499.9Hz (can be defined by program)	
T	Frequency Stability Degree	$\leq \pm 0.01\%$	
P	Harmonic Distortion	$\leq \pm 2\%$	
U	Frequency Meter	4 bit frequency chart, analytic degree 0.1 Hz	
T	Voltmeter	4 bit voltage chart, analytic degree 0.1V	
	Ammeter	4 bit ammeter, analytic degree 0.1A	
	Wattmeter	4 bit wattmeter	
Protection device		refer to load, short circuit protection and warning device	
Temperature		0 – 40 deg. $^{\circ}\text{C}$	
Humidity		0 - 90% (non-condensing state)	

## Corporeal specification (single-phase)

Model	YF620	YF630	YF650	YF680	YF6100	YF6150	YF6200	YF6300	
Capacity	2KVA	3KVA	5KVA	8KVA	10KVA	15KVA	20KVA	30KVA	
Making Method	IGBT/ Pulse Width Modulation Type								
Input Line Current	Low Grade : (L-N)	L:16.8A	L: 25.0A	L: 41.6A	L: 63.0A	L: 83.2A	L: 125.0A	L: 166.4A	L: 250A
	High Grade : (L-N)	H: 8.4A	H: 12.5A	H: 20.8A	H: 31.5A	H: 41.6A	H: 62.5A	H: 83.2A	H: 125A
Weight : ( Kgs )	45	60	70	80	120	130	150	200	
Size : W X D X H (Mm)	350 x 530 x 675				350 x 650 x 855				

## Corporeal specification (triple-phase)

Model	YF3030	YF3060	YF3100	YF3150	YF3200	YF3300	YF3450	YF3600	YF3750	YF31000	YF31200
Capacity	3KVA	6KVA	10KVA	15KVA	20KVA	30KVA	45KVA	60KVA	75KVA	100KVA	120KVA
Weight: (Kgs)	90	180	230	250	270	450	560	660	750	900	1080
Size : W x D x H (mm)	700 x 480 x 1370				800 x 550 x 1650			1000 x 800 x 1800			

- ※ We reserve the right of changing specification. No notice when specification changes.  
We also accept order with special specification.

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