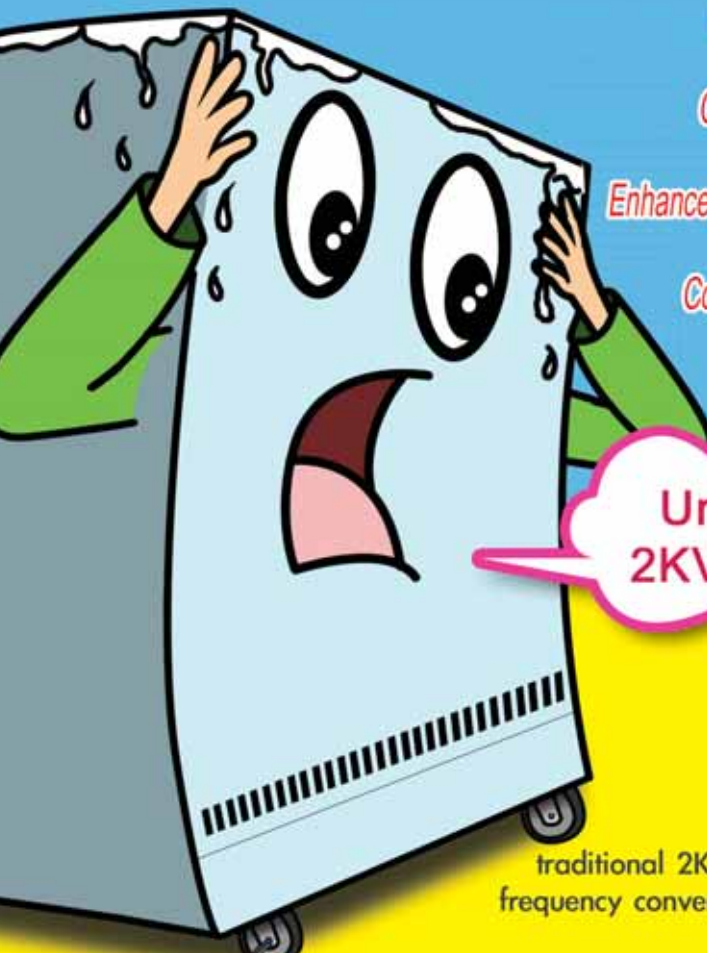


Do you still bear traditional frequency converter which is expensive and heavy?

In fact, you have new choices.

Revolution Product - New AC Power Source

6900 Series AC Power Source (500VA - 2KVA)



High Efficiency : Adopt advance high-frequency switching technology (PWM) to achieve higher efficiency.

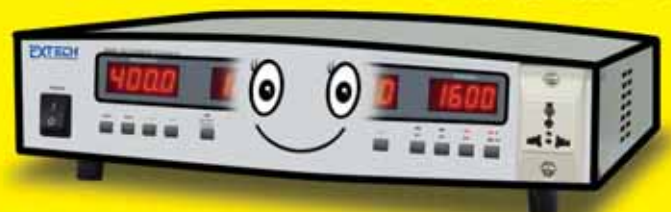
Compact in Size : 2U (8.9cm) in height for a 2KVA capacity and very light in weight. Currently the smallest 2KVA AC source in the world.

Enhanced Performance : Utilize direct couple output technology same as any major international brands with high overload capability.

Competitive Price : Unbelievable competitive price, even cheaper than the traditional frequency converter.

Unbelievable !
2KVA is only 2U !

EXTECH New Generation
2KVA AC Source



traditional 2KVA
frequency converter

SPECIFICATIONS

MODEL		6905	6910	6920	6940		
INPUT							
Phase		1Ø					
Voltage		110/220Vac±10%		220Vac±10%			
Frequency		50 / 60Hz					
OUTPUT							
AC							
Power rating		500VA	1000KVA	2000VA	4000VA		
Max. Current (r.m.s)*1	0-150V	4.6A at 110V	9.2A at 110V	18.4A at 110V	36.8 at 110V		
	0-300V	2.3A at 220V	4.6A at 220V	9.2A at 220V	18.4A at 220V		
Phase		1Ø/2W					
Total Harmonic Distortion (T.H.D)		≤ 0.5% at 40-100Hz ≤ 1% at 101-450Hz(Resistive Load)					
Crest Factor		≥3					
Lone Regulation		±(0.5% of output + 0.5V) at Resistive Load					
Response Time		< 400 usec					
SETTINGS							
Voltage	Range	0-150/0-300V Selectable					
	Resolution	0.1V					
	Accuracy	± (1% of Setting + 2counts)					
Frequency	Range	40-450Hz Full Range Adjust					
	Resolution	0.1Hz at 40-99.9Hz , 1Hz at 100-450Hz					
	Accuracy	± 0.03% of setting					
DC*2							
Max. Power		250VA	500KVA	1000VA	2000VA		
Max. Current	0-200V	2.3A	4.6KA	9.2A	18.4A		
	0-400V	1.1A	2.3KA	4.6A	9.2A		
SETTING							
Voltage	Range	0-200V / 0-400V Selectable					
	Resolution	0.1V					
	Accuracy	±(1% of setting + 2counts)					
Ripple and Noise (RMS)		Range : 0-200V <250mV		Range : 0-200V <350mV			
Ripple and Noise (p-p)		Range : 0-400V <400mV		Range : 0-400V <550mV			
		<2Vp-p		<3.0Vp-p			
MEASUREMENT							
Voltage (AC & DC*2)	Range	0.0-400V					
	Resolution	0.1V					
	Accuracy	± (1% of reading + 2counts)					
Frequency	Range	0.0-500.0Hz					
	Resolution	0.1Hz					
	Accuracy	±0.1Hz					
Current (AC & DC*2)	Range	0.00-54.00A					
	Resolution	0.01A					
	Accuracy	± (1% of reading + 5counts)					
Power	Range	0-4000W					
	Resolution	1W					
	Accuracy	± (2% of reading + 2counts)					
Power Factor	Range	0.000-1.000					
	Resolution	0.001					
	Accuracy	W / VA, Calculated and displayed to three significant digits					
Opt.628 High Measurement Resolution (For 6905, 6910 & 6920)							
AC							
Current (r.m.s)	Range	L	0.000A - 0.600A	0.000A - 1.200A	0.000A - 2.400A	-	
		H	0.05A - 6.00A	1.00A - 13.00A	2.00A - 27.00A	-	
		Resolution	0.001A				-
Power	Range	L	0.0W - 60.0W	0.0W - 120.0W	0.0W - 240.0W	-	
		H	50W - 500W	100W - 1000W	200W - 2000W	-	
		Resolution	0.1W				-
	Accuracy	H	± (1% of reading +5counts)				-
		H	± (2% of reading +5counts)				-
		H	± (2% of reading +5counts)				-
DC*2							
Current	Range	L	0.010A - 0.600A	0.010A - 1.200A	0.010A - 2.400A	-	
		H	0.50A - 3.00A	1.00A - 6.50A	2.00A - 13.50A	-	
		Resolution	0.001A				-
Power	Range	L	0.0W - 60.0W	0.0W - 120.0W	0.0W - 240.0W	-	
		H	50W - 250W	100W - 500W	200W - 1000W	-	
		Resolution	0.1W				-
	Accuracy	H	± (1% of reading +5counts)				-
		H	± (2% of reading +5counts)				-
		H	± (2% of reading +5counts)				-
GENERAL							
Memory		3 memories (M1,M2,M3)					
Efficiency		≥80% ()at Full Load					
Protection		Over Power , Over Current , Over Voltage , Over Temperature, Hi- A					
Calibration		Front Panel Calibration					
Environment		0-40°C/20-80%RH					
Dimension (W x H x D, mm)		430 x 89 x 300	430 x 89 x 400	430 x 89 x 500	430x 222x 500		
Net Weight		12.5Kg	18.2Kg	30Kg	65Kg		

*1 At working voltage 110V/220V

product specifications are subject to change without notice.

*2 Option function for Taiwan & China, Standard function for others area.

ORDERING INFORMATION

- 6905 Simply AC Power Source 0-300V/40-450Hz (500VA)
- 6910 Simply AC Power Source 0-300V/40-450Hz (1000VA)
- 6920 Simply AC Power Source 0-300V/40-450Hz (2000VA)
- 6940 Simply AC Power Source 0-300V/40-450Hz (4000VA)
- Opt.628 High Measurement Resolution 1mA/0.1W for 6905,6910 & 6920
- Opt.629 Input Voltage 100V / 200V for 6905 & 6910
- Opt.630 Input Voltage 120V / 240V for 6905 & 6910
- Opt.631 Input Voltage 200V for 6920 & 6940
- Opt.632 Input Voltage 240V for 6920 & 6940
- Opt.633 DC Output Function for 6905
- Opt.634 DC Output Function for 6910
- Opt.635 DC Output Function for 6920
- Opt.636 DC Output Function for 6940

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