

APS-1020 CE

There's a better solution... at a better price.



Key Features & Specifications for the APS-1020 CE

- **Output Power:** 20 kVA
- **Output Frequency:** 45-500 Hz
- **Output Voltage:** Dual range, 0/150 V or 0/300 V, 1 phase
- **Isolated Output, THD:** < 1%
- **Input Requirements:** 380VAC
± 10%, 3 phase, 47-63 Hz
- **Intuitive Front Panel Controls:** Frequency and Voltage
- **Easy to Read LED Displays:** Frequency, Voltage, Current, Power and Power Factor
- **Memory Locations:** Can save three desired settings of any voltage, frequency and current limit covered in the output parameters
- **Regulatory:** CE Mark

The APS-1020 CE frequency and voltage converter is economically priced and offers top of the line performance.

The APS-1020 CE is a solid state, single phase output frequency converter that delivers 20KVA of AC power. The converters allow the user to duplicate a utility grid of either 50 or 60 hertz for export product testing or operation of imported equipment. The frequency can be adjusted to 400 hertz for applications such as the testing of military/avionics equipment or for the operation of 400 hertz electronics that are onboard an aircraft or a military vessel.

The adjustable frequency band of 45 to 500 Hertz in conjunction with the dual voltage ranges of 0-150 volts or 0-300 volts provides full capabilities for testing and operating electronics worldwide.

Setup and operation of the APS-1020 CE is exceptionally easy. The simple front panel layout allows users to continuously vary voltage and frequency or to select preset standard frequency settings. Individual meter displays provide digital readouts for frequency, voltage and current while a digital multimeter displays power or power factor.

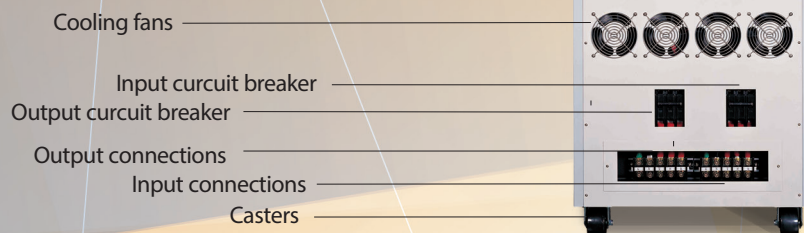
The APS-1020 CE converter is a simple and cost effective solution for all of your AC power conversion needs!

Worldwide
Supplier
of Power
Conversion
Equipment



Toll Free 1-866-517-8400 www.adaptivepower.com

APS-1020 CE



Instrument Specifications

APS-1020 CE

		INPUT SPECIFICATIONS
Phase		3Ø/3W + ground
Voltage		380VAC±10%
Frequency		47-63Hz
		OUTPUT SPECIFICATIONS
Power rating		20kVA
Max Arms @	0-150 V	168A
Max Arms @	0-300 V	84A
Phase		1Ø/3W (L, N, G)
Voltage	Low Range	0-150V
	High Range	0-300V
	Resolution	0.1V
	Accuracy	±(1%+0.2V)
Frequency	Range	45-500Hz
	Resolution	0.1Hz at 45-99.9Hz, 1Hz at 100-500Hz
	Accuracy	±0.2%
Harmonic Distortion		≤1%(Resistance Load)
Crest Factor		≥3 to 1
Load Regulation		±0.5%
Protection		Over Current, Short Circuit, Over Temperature
Efficiency		≥85% (at full load)
Operating Temperature		32°-104°F, (0°-40°C), 80% Relative Humidity
Altitude (meters/feet)		below 2000 / 6500
		DISPLAYS AND CONTROLS
4 Digital LED meters		Frequency, Voltage, Current, Power or Power Factor (simultaneously)
PLC Remote Interface		M1, M2, M3, and Output On/Off
Memory		3 Programmable Memory Locations for Voltage, Frequency and Current
Calibration		Front Panel Calibration
Auto voltage adjust		Enable for improved voltage regulation within ±0.1V
		MECHANICAL SPECIFICATIONS
		20kVA
Dimensions (HxDxW) (mm/inches)		864 x 660 x 432/ 34x26x17
Weights (Kg/lbs)		355/782



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