

VFC500 SERIES

AC/AC Sine Frequency Converter: 500VA



Features

- Universal input 95 - 264VAC
- Output fully variable 0 - 264VAC
- Variable output frequency 40 - 410Hz
- 50Hz, 60Hz and 400Hz options
- Sinusoidal wave AC output
- Electronic protection
- Hot push buttons with auto stepping of voltage and frequency adjustment
- Digital meters for voltage and frequency
- Compact and lightweight

General Specifications

Input Voltage:	95 - 264VAC
Input Frequency:	47 - 410Hz
Input Protection:	Thermal fuse, inrush current limiting
Isolation:	Input - Output 2250VDC
EMI:	EN55022 Class A
Output Voltage:	0 - 250VAC fully adjustable
Output Current:	4A maximum
Output Power:	500 watts
Output Frequencies:	40 - 440Hz Wide Band 50, 100, 200, 400Hz (hot push buttons)
Frequency Stability:	±0.1%
Output Waveform:	Sinusoidal, less than 5% distortion at full load
Load Regulation:	±6% from 10% - 100% load
Out Protection:	Current limiting with short circuit protection. Thermal shutdown with auto recovery
Efficiency:	78%
Load Crest Factor:	Maximum 3.0 at 90% load
Operating Temp:	0°C to +50°C at full load
Connections:	Input: IEC socket Output: Banana sockets
Dimensions/Weight:	Bench Top: 187 x 141 x 330mm 4.2Kg Rack Mount: 3U x 19in. 6.0Kg

Description

The **VFC500** series Frequency Converters are designed for in Laboratory and many R&D applications, where there is a requirement for a variable output frequency.

The output voltage is also variable over the range 0 - 264VAC. The output frequency can be adjusted by 'Hot Push Buttons' in steps of 50, 100, 200 and 400Hz, plus further adjustment to set to required frequency range.

There are two mechanical styles, the standard bench mount unit and a rack mount style.

Options

VFC500 - P1969:	Bench Model
VFC500 - 3U - P7061	3 x 19in. Rack Mounting Model



Model	Output		Hz	Power VA
	V	A		
95 - 264VAC	0 - 120VAC	4A	40 - 440Hz	500VA
	0 - 264VAC	2A		