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

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