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TECHNOLOGY GROUP

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Artisan Technology Group
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Expert team | Trust guarantee | 100% satisfaction

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Find the *MDS Power MajorFC1500-400/3* at our website: ***Click HERE***

PRODUCT OVERVIEW

HIGHLY RELIABLE
ULTRA QUIET
AC / AC

1500VA
400 / 60 / 50HZ



FEATURES & APPLICATIONS

The FC1500 Series is a higly compact AC/AC frequency converter. The unit delivers 3-phase, 400Hz output. Suitable for a wide range of applications, the FC1500 features full electronic protection, high efficiency and low output noise.

This is a higly reliable rugged frequency converter. The built-in fan provides sufficient airflow for operation without de-rating up to 50°C.

Extended operating temperature (-40° C to +65° C), ruggedization and conformal coating are available.

Features

- Sinusoidal wave shape
- Isolated, floating output
- 1500VA output power
- Full electronic protection
- Telecom quality
- Field-proven design topology

Applications

- Aerospace
- Military Applications (COTS)
- Industrial Controls
- OEM Applications

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MODEL SELECTION

Model number	FC1500-400/3
Input Voltage	90-264Vac, universal PFC, 47-410Hz
Input Current	20A max
Output Voltage	200/115VAC, 3Ø, 400Hz
Input Connection	Terminal block
Output Connection	Terminal block
Package Dimensions (W x H x L)	5.2”x 17”x 16”(132 x 432 x 406mm) 19” mounitng ears
Weight	40 lbs (18 kg)

TECHNICAL SPECIFICATIONS

Input Protection	Inrush current limiting. Varistor. Internal safety fuse
Isolation	2250Vdc input to chassis/output Output neutral is connected to the chassis internally
Output Wave Form	Sinusoidal
Total Harmonic Distortion	Better than 5% at full load
Line/Load Regulation	Maximum ±6% from no load to full load
Load Crest Factor	Maximum 2.5 at 90% load
Output Noise	High frequency ripple is less than 500mVrms (20MHz BW)
Output Overload Protection	Current limiting with short circuit protection. Thermal shutdown with automatic recovery in case of insufficient cooling
Output Overvoltage Protection	140V by internal supply voltage limiting
Efficiency	80% at full load
Operating Temperature Range	0° C to +50° C
Cooling	By built-in high quality fans
Environmental Protection	Basic ruggedizing. Conformal coating
Shock/Vibration	IEC 61373 Cat 1 A&B
Humidity	5 - 90% non-condensing
Standards	Designed to meet C22.2 No. 107.1 - 01, UL 458 and EN60950-1, CE marking
EMI	EN 55022 Class A with margins
RoHS Compliance	Compliant
Warranty	Two years subject to application within good engineering practice

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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