

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

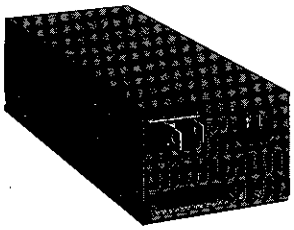
Expert team | Trust guarantee | 100% satisfaction

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JFS Series

High power bulk AC-DC power supplies



Universal AC Input

Wide Range Output Adjustment

Power Factor & Harmonic Correction

Input Transient Protection

Worldwide Safety Agency Approvals

Single Wire Current Sharing

Optional DIN Rail Mounting

Lambda's 3 Year Warranty

The new JFS Series utilizes Lambda's traditional design techniques ensuring high performance and reliable operation in today's demanding Industrial applications. The JFS Series continues to operate through surges, sags, spikes and lighning strike.

Available in five package sizes from 500-2000 watts with nominal outputs of 24 & 48 volts. Built-in features include Remote ON/OFF, AC Power Fail, DC Good, Input Transient Protection and Active Current Sharing. The JFS Series is designed for worldwide market, the JFS features Power Factor & Harmonic Correction, Universal AC Input, International Agency Approvals and the CE Mark.

Similar products		Page
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AC Input ..... 85 -265VAC, 47-63Hz (170-265VAC for JFS-2000).

DC Input ..... 120-330VDC.

Efficiency ..... 75% (typical).

Power Factor Correction .... 0.99 (Typical), IEC1000-3-2.

Input Transient Protection .. EN61000-4 (-2,-3,-4,-5,-6). IEC1000-4 (-2,-3,-4,-5,-6). IEC301- (-2,-3,-4,-5).

EMI ..... Conducted and Radiated per: EN55022-Curve A & FCC Class A.

DC Output Controls ..... Active current sharing is achieved through a single wire connection.

Output Voltage Adj Range .. Refer to the table.

Line Regulation ..... Less than 1%.

Load Regulation ..... Less than 1%.

Ripple and Noise ..... 250 mV pk-pk for 24 volts. 500 mV pk-pk for 48 volts.

Hold-up Time ..... 16ms (typical).

Overcurrent Protection ..... Electronic current limiting circuit limits the output current to less than 110% of the full power rating with automatic recovery.

Overvoltage Protection .... Non-crowbar, non-latching inverter shutdown type OV.

Cooling ..... Internal Fan.

Operating Temperature Range 1.0% from no load to full load. 85-265VAC max.

Storage Temperature ..... -40°C to +85°C.

Humidity ..... 10 to 90% RH (non-condensing).

Isolation ..... Input to Output – 3.0kVAC. Input to Chassis (FG) – 2.0kVAC. Output to Chassis (FG) – 500VDC.

Vibration and Shock ..... IEC68-2-6.

Shock ..... IEC68-2-27.

Output Good Signal ..... Conductance Good Signal; Secondary referenced, Open Collector Signal = Good.

Input Good Signal ..... Conductance Good Signal; Secondary referenced, Open Collector Signal = Active.

Output Status Indicator .... A green LED when DC output is "ON".

Remote On/Off ..... Secondary referenced, Open enables the output.

Remote Sensing ..... Compensates for 0.25 VDC per leg.

Input and Output Connections Barrier strip with cover or bus-bars.

Safety Agency Approval .... UL1950, CSA22.2 No. 234, EN60950, IEC950 and CE Mark (Low Voltage Directive).

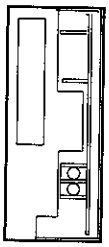
Din Rail Mounting Bracket .. Consult factory.

Warranty ..... 3 years.

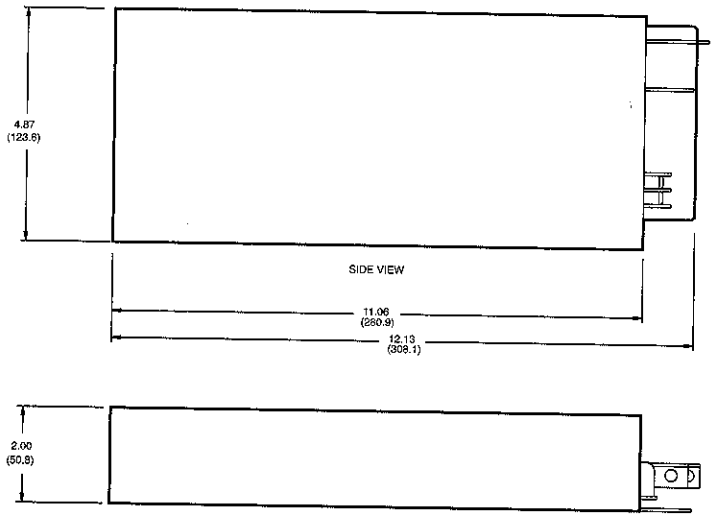
OUTPUT	POWER (W)	MAX CURRENT AMPS AT 40°	50°	60°	71°	MODEL
24V (20.0-29.0)	500	20.8	20.8	15.6	10.4	**JFS-0500-24**
	750	31.2	31.2	23.4	15.6	**JFS-0750-24**
	1000	41.6	41.6	31.2	20.8	**JFS-1000-24**
	1500	62.5	62.5	46.8	31.2	**JFS-1500-24**
	2000	83.3	83.3	62.4	41.6	**JFS-2000-24**
48V (36.0-56.0)	500	10.4	10.4	7.8	5.2	**JFS-0500-48**
	750	15.6	15.6	11.7	7.8	**JFS-0750-48**
	1000	20.8	20.8	15.6	10.4	**JFS-1000-48**
	1500	31.2	31.2	23.4	15.6	**JFS-1500-48**
	2000	41.6	41.6	31.2	20.8	**JFS-2000-48**

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JFS500



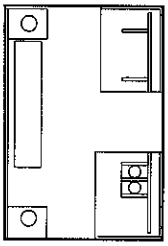
FRONT VIEW



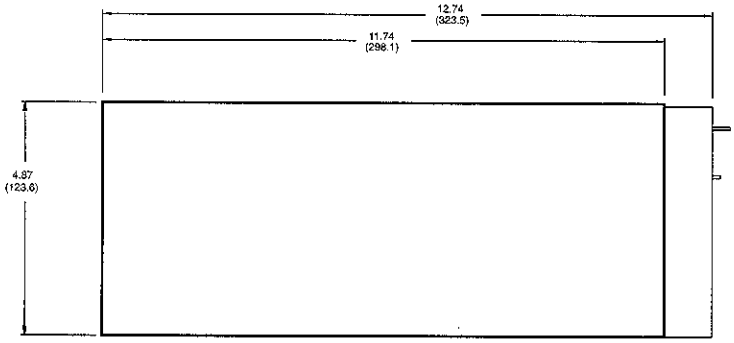
NOTE:
1. DIMENSIONS ARE IN INCHES EXCEPT DIMENSIONS ( ) ARE IN MM.
2. WEIGHT: NET 6.0 LBS, SHIPPING 7.0 LBS.

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JFS750/1000



FRONT VIEW



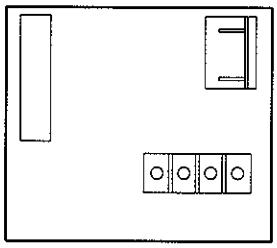
SIDE VIEW



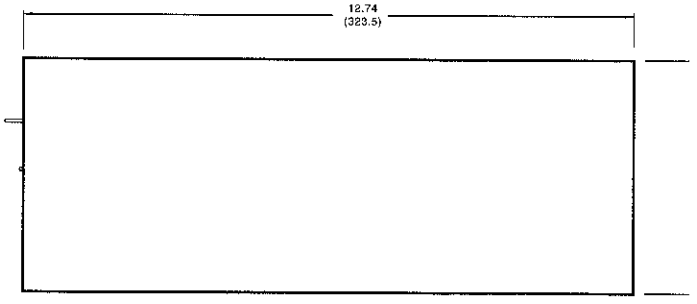
BOTTOM VIEW

NOTE:
1. DIMENSIONS ARE IN INCHES EXCEPT DIMENSIONS ( ) ARE IN MM.
2. WEIGHT: NET 7.0 LBS, SHIPPING 8.0 LBS.

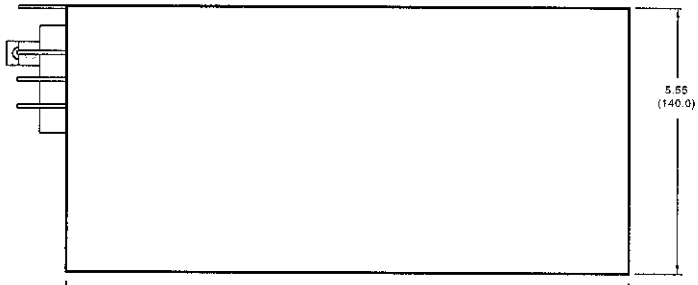
JFS1500/2000



FRONT VIEW



SIDE VIEW



BOTTOM VIEW

NOTE:
1. DIMENSIONS ARE IN INCHES EXCEPT DIMENSIONS ( ) ARE IN MM.
2. WEIGHT: NET 9.0 LBS, SHIPPING 10.0 LBS.

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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.

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

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