

ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
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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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Find the *TDK-Lambda JFS1500-48* at our website: ***Click HERE***

LAMBDA

JFS Series

Single Output Industrial Power Supplies



- Power factor Corrected
- Wide range output adjustment
- Single wire current share
- Input transient protection
- UL508 Industrial Controls Approval
- Factory Mutual Approval
- 5 Year Warranty

JFS Features and Benefits

Feature	Benefit
UL508 & Factory Mutual Approvals	Easier end system certification
5 Year Warranty	Lower Cost of Ownership
Power Factor Corrected	Supports Global Use
EN61000-4 Input Transient	Withstands surges in harsh environments

Specifications

ITEMS \ MODELS		JFS0500	JFS0750	JFS1000	JFS1500	JFS2000
AC Input Voltage	-	85-265VAC (170-265VAC JFS2000), 47-63Hz				
DC Input Voltage Range	-	120-330VDC (240-330VDC for JFS2000)				
Input Current (typ@110VAC)	A rms	6	9	12	20	12(1)
Inrush Current (110 / 220VAC)	A	35 / 70				- / 70
Efficiency (typ@110VAC)	%	75				82(2)
Power Factor	-	Meets EN61000-3-2 (0.99 typical)				
Overcurrent Protection	-	<110% (auto recovery)				
Overvoltage Protection	V	24V models set at 30V, 48V models set at 60V (auto recovery)				
Hold Up Time (Typ)	ms	16				
Transient Reponse	-	For 25% load change, recovers to regulation within 5ms				
Remote Sense	-	Compenstates for 0.25V drop per leg				
Remote Adjust	-	With either external Resistor or Voltage				
Remote On / Off	-	Low = OFF, Open = ON				
Signals & Indicators	-	Open Collector AC Fail and DC Good, Green LED				
Parallel Connection	-	Single wire current share				
Operating Temperature	°C	-20 to +70°C, derate linearly to 50% load from 50°C (30 min warm up at -20°C)				
Storage Temperature	°C	-40 to +85				
Humidity (non condensing)	%RH	10 - 90				
Cooling	-	Internal fan				
Withstand Voltage	-	Input - Ground 2kVAC, Input - Output 3kVAC, Output - Ground 500VDC				
Vibration	-	Per IEC68-2-6				
Shock	-	Per IEC68-2-27				
Safety Agency Approvals	-	UL508, UL1950, CSA22.2 No.234, EN60950, IEC950, FM3611 & CE Mark				
Conducted & Radiated EMI	-	EN55022 Class A, FCC Docket 20780 Part 15, subpartJ, Class A				
Weight (Net / Shipping)	lbs	6 / 7	7 / 8		9 / 10	
Size (WxHxD)	mm	See output line drawings				
Warranty	-	5 years				

Notes: (Consult Installation Manual for detailed specifications, test methods and application notes)
(1) At 220VAC
(2) At 170VAC

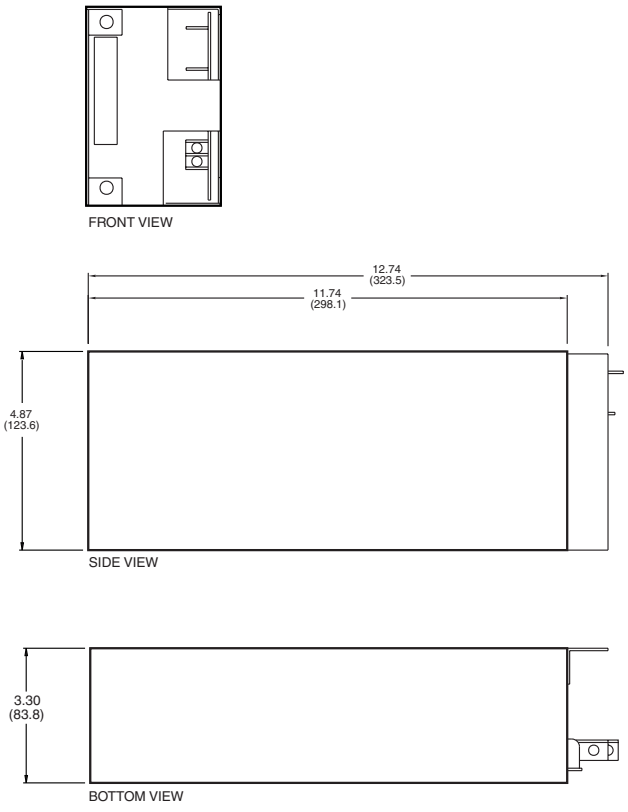
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JFS Series

Output Ratings

Model	Nom. Volt.	Adjust. Range	Min Load	Max Current	Load Reg (mV)	Line Reg (mV)	Ripple & Noise (mV p-p)
JFS0500-24	24V	20 - 29	0	20.8	< 240	< 240	250
JFS0750-24	24V	20 - 29	0	31.2	< 240	< 240	250
JFS1000-24	24V	20 - 29	0	41.6	< 240	< 240	250
JFS1500-24	24V	20 - 29	0	62.5	< 240	< 240	250
JFS2000-24	24V	20 - 29	0	83.3	< 240	< 240	250
JFS0500-48	48V	36 - 56	0	10.4	< 480	< 480	500
JFS0750-48	48V	36 - 56	0	15.6	< 480	< 480	500
JFS1000-48	48V	36 - 56	0	20.8	< 480	< 480	500
JFS1500-48	48V	36 - 56	0	31.2	< 480	< 480	500
JFS2000-48	48V	36 - 56	0	41.6	< 480	< 480	500

JFS0750/1000 Outline Drawing

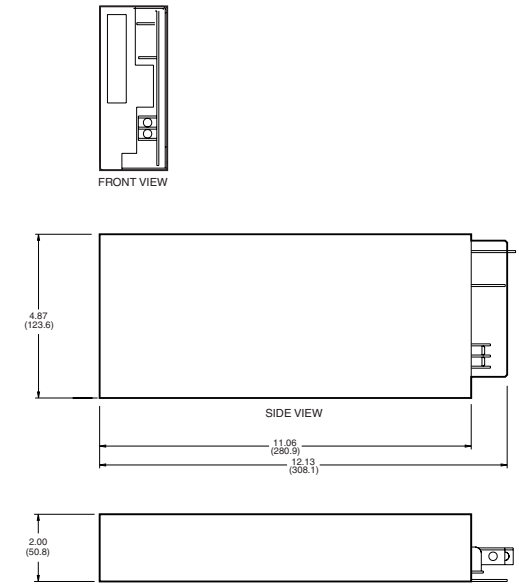


Other Lambda Industrial Products

RWS	15W & 30W Single output
JWS, JWS-P & JWT	50W to 600W Single and triple output
LZS	250W to 1500W Single output
DLP/DHP	75 to 960W DIN Rail Single Output

For Additional Information, please visit
www.lambdapower.com/products/jfs-series.htm

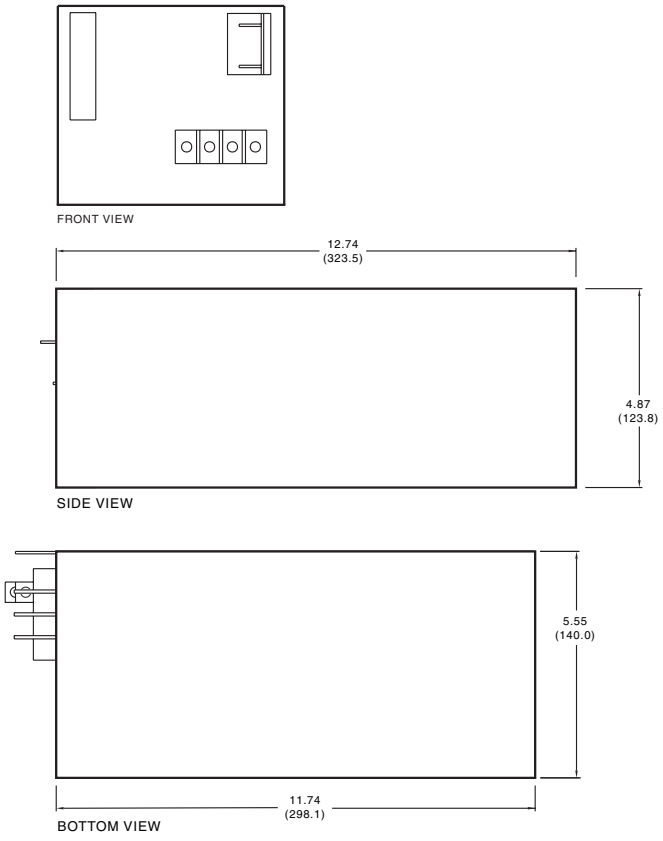
JFS0500 Outline Drawing



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

PRELIMINARY

JFS1500/2000 Outline Drawing



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