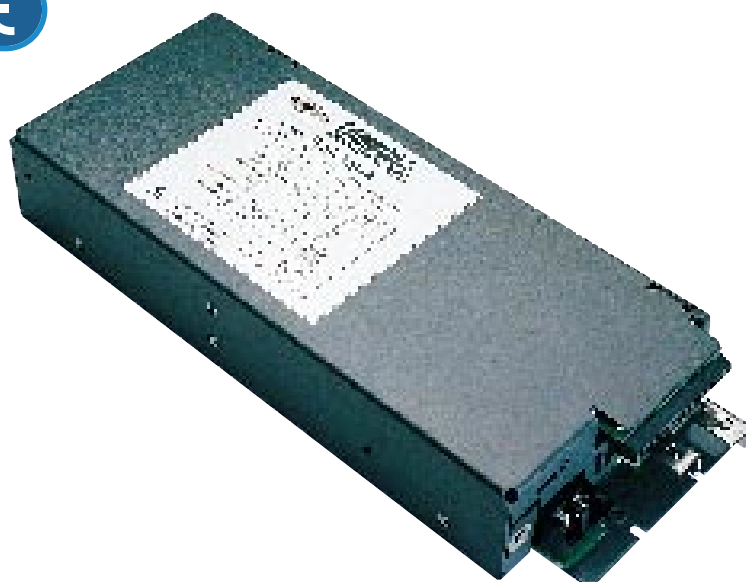


HIGH POWER BULK AC/DC POWER SUPPLIES

FEATURES

NEW



- Universal AC input
- Wide range output adjustment
- Power factor and harmonic correction
- Input transient protection
- Worldwide safety agency approvals
- Single wire current sharing
- Optional DIN Rail mounting
- 500-2000W
- 3 year Warranty

ELECTRICAL SPECIFICATION

Model No.	Output 1	Maximum current Amps at				Max Power (W)
		40°	50°	60°	71°	
JFS-0500-24	24V (20.0-29.0)	20.8	20.8	15.6	10.4	500
JFS-0750-24	24V (20.0-29.0)	31.2	31.2	23.4	15.6	750
JFS-1000-24	24V (20.0-29.0)	41.6	41.6	31.2	20.8	1000
JFS-1500-24	24V (20.0-29.0)	62.5	62.5	46.8	31.2	1500
JFS-2000-24	24V (20.0-29.0)	83.3	83.3	62.4	41.6	2000
JFS-0500-48	48V (36.0-56.0)	10.4	10.4	7.8	5.2	500
JFS-0750-48	48V (36.0-56.0)	15.6	15.6	11.7	7.8	750
JFS-1000-48	48V (36.0-56.0)	20.8	20.8	15.6	10.4	1000
JFS-1500-48	48V (36.0-56.0)	31.2	31.2	23.4	15.6	1500
JFS-2000-48	48V (36.0-56.0)	41.6	41.6	31.2	20.8	2000

New models.
For full data call Technical Sales
or visit our Website
www.coutant-lambda.com

OUTLINE SPECIFICATION

Input

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

Output

DC Output Controls:	Active current sharing is achieved through a single wire connection
Output Voltage Adjust Range:	Refer to the table
Line Regulation:	Less than 1%
Load Regulation:	Less than 1%
Ripple and Noise:	250mV pk-pk for 24 volts 500mV 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

Environmental

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:	10-90% 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

General

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 & Output Connections:	Barrier Strip with cover or bus-bars.
Din Rail Mounting Bracket:	Consult factory

Safety Approvals

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

Warranty

3 years

PHYSICAL SPECIFICATION

Dimensions (mm)

Model	Height	Width	Depth
JFS500	50.8	123.6	308.1
JFS750/1000	83.8	123.6	323.5
JFS1500/2000	140	298.1	323.5

The new JFS series features high density 24VDC and 48VDC bulk power at a keen price. Ideal for demanding industrial and communications applications.