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TECHNOLOGY GROUP

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

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Find the *TDK-Lambda JWS600-48* at our website: ***Click HERE***

TDK·Lambda

JWS-P Series

Single Output Peak Power Industrial Power Supplies



- 5 Year Warranty
- Power factor Corrected
- Approved to VDE0160 Machinery Directive
- Universal Input (85 - 265VAC)
- 200% Peak Power Capability for 10 seconds

RoHS

Key Market Segments & Applications

Factory Automation	Process Control, NC-Machining, Automotive, Packaging Equipment, Materials Handling, Chemical Processing, Robots
Test & Measurement	Burn-in & Test, Automated Test, Instrumentation, Measurement, Detection

JWS Features and Benefits

Feature	Benefit
◆ VDE0160 Approved	◆ No additional Approvals Needed
◆ 5 Year Warranty	◆ Lower Cost of Ownership
◆ Power Factor Corrected	◆ Supports Global Use
◆ 200% Peak Power	◆ Able to support motor start up currents

Specifications

ITEMS \ MODEL		JWS70P	JWS120P	JWS240P	JWS480P
Input Voltage range	-	85 - 265VAC (47 - 63Hz) or 120 - 330VDC			
Inrush Current (100/200VAC)	A	14 / 28	25 / 50	20 / 40	
Input Current (Typ)	A	1.0 / 0.5	1.6 / 0.8	3.2 / 1.6	6.4 / 3.2
Power Factor		Meets EN61000-3-2			
Temperature Coefficient		<0.02%/°C			
Overcurrent Protection	-	>102%			
Overvoltage Protection	V	Yes			
Hold Up Time (Typ)	ms	20			
Leakage Current (max)	mA	0.75			
Remote Sense	-	Yes			
Remote On / Off	-	No		Yes	
AC Power Fail	-	No		Yes	
Operating Temperature	-	-10°C~+60°C,derate linearly to 60% load from 50°C~60°C		-10°C~+65°C, derate linearly to 55% load from 50°C~65°C	
Storage Temperature	-	-30 to +85°C			
Operating Humidity (*1)	-	30 - 90% RH			
Storage Humidity (*1)	-	10 - 95% RH			
Cooling	-	Convection		Internal Fan	
Withstand Voltage	-	Input to Ground 2kVAC (20mA), Input to Output 3kVAC (20mA), Output to Ground 500VAC (100mA) for 1 min			
Isolation Resistance	-	>100M at 25°C & 70%RH, Output to Ground 500VDC			
Vibration (non operating)	-	10 - 55Hz (1 minute sweep), 19.6m/s² constant X, Y, Z 1 hour			
Shock	-	< 196.1 m/s²			
Safety Agency Approvals	-	UL60950-1, CSA C22.2 No. 60950-1, EN60950-1, VDE0160, CE Mark, Built to meet DENTORI			
Conducted & Radiated EMI	-	EN55011 / EN55022-B, FCC Class B, VCCI-B			
Weight (Typ)	g	700	900	1900	3000
Recommended EMI Filter	-	MAW1202-22		MAW1205-22	MB1210
Size (WxHxD)	mm				
Warranty	-	Five Years			

*1 non condensing

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TDK·Lambda

JWS-P Series

Model Selector

Model	Voltage	Adjust Range	Average Current (A)	Peak Current (A) *1	Load Reg (mV)	Line Reg (mV)	Ripple Noise (mV)	Efficiency (typ) %
JWS70P-24	24V	21.6 - 26.4	3	6	192	96	240	80
JWS120P-24	24V	21.6 - 26.4	5	10	192	96	240	80
JWS240P-24	24V	21.6 - 28.8	10	20	192	96	240	80
JWS480P-24	24V	21.6 - 28.8	20	40	192	96	240	80
JWS240P-36	36V	32.4 - 43.2	6.65	13.3	288	144	360	80
JWS70P-48	48V	43.2 - 52.8	1.5	3	384	192	480	80
JWS120P-48	48V	43.2 - 52.8	2.5	5	384	192	480	80
JWS240P-48	48V	43.2 - 52.8	5	10	384	192	480	80
JWS480P-48	48V	43.2 - 52.8	10	20	384	192	480	80

Note *1: Peak current for up to 10 seconds with a 50% duty cycle

Dimensions Table

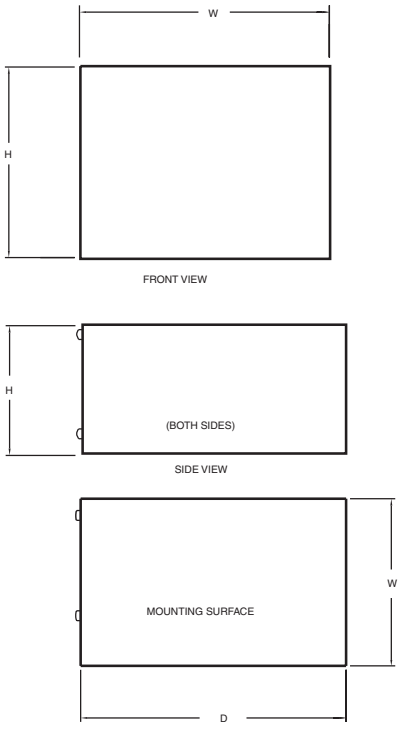
	Height (H)	Width (W)	Depth (D)
JWS70P	1.97″	3.62″	7.40″
JWS120P	2.56″	3.62″	7.80″
JWS240P	3.62″	4.72″	7.48″
JWS480P	3.62″	6.29″	7.90″

Other Lambda Industrial Products

HWS	15 to 1500W Single output
JWS & JWT	50W to 600W Single and triple output
JFS	500W to 2000W Single output
DLP/DSP/DPP	10 to 480W DIN Rail Mount

For Additional Information, please visit
us.tdk-lambda.com/lp/products/jws-series.htm

JWS Outline Drawing



See website for detailed drawing.

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