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

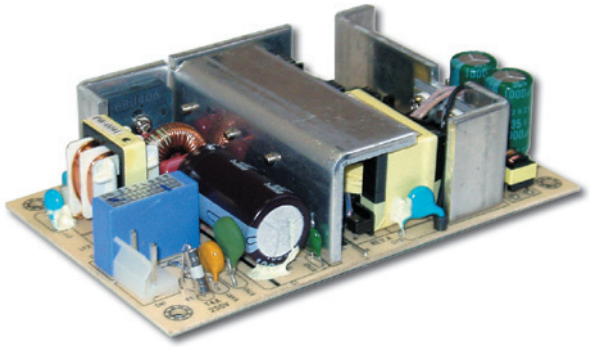
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Find the *TDK-Lambda SCS120PW-15* at our website: *Click HERE*

3 x 5” 120W Single Output Power Supplies

Features

- Low Profile
- Convection cooled
- Wide Range AC Input with PFC
- Global Safety Agency Compliance
- Industry standard footprint



Key Market Segments & Applications

Industrial Test COMM

RoHS

Specifications

Model		
Output Power	W	120W
Line & Load Regulation	%	See model selector
Ripple & Noise	%	1%
Hold Up Time (typical)	ms	16ms (Full load at 115VAC input)
Overcurrent Protection	%	105 - 120%
Overvoltage Protection	%	110 - 130%, cycle AC line to reset
Input Voltage Range	-	90-264 VAC, 47-63 Hz (440Hz with reduced PFC)
AC Input Current	A	2.5A Max
Harmonic Correction (PFC)	-	Meets EN61000-3-2 (typically >0.9)
Efficiency	%	Typically 85% full load at nominal AC Line
Inrush Current Limiting	A	<50A peak @ 230VAC cold start
Leakage Current	mA	<0.75mA (264VAC, 60Hz)
Surge Immunity	-	EN61000-4 (-2 through -5)
EMI	-	FCC Class B, EN55022 B
Cooling	-	Convection
Withstand Voltage	-	Input to Ground 1.5kVAC, Input to Output 3kVAC, Output to Ground 500VDC
Isolation Resistance	-	>20M at 25°C & 70%RH, Output to Ground 500VDC
Operating Temperature	°C	0 to +40°C, derate linearly to 50% load from 40°C to 60°C
Temperature Coefficient	%/°C	±0.05%/°C
Storage Temperature	°C	-10 to +70°C
Humidity (non-condensing)	-	20-90%RH operating, 20-95%RH non-operating
Shock	-	< 196.1m/s^2 (20G)
Vibration	-	10Hz-55Hz amplitude (sweep 1 min), <2G X, Y, Z axis for 1 hour each
Altitude	m	3000m operating, 5000m storage
Safety Agency Approval	-	UL60950-1, CSA60950-1, EN60950-1, CCC, CE Mark (LVD)
Size W x L x H	in	3 x 5 x 1.27”
Weight	g	300
Warranty	yrs	1 year

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Model Selector

Models	Output Voltage	Output Load	Output Regulation)
SCS120PW12	12V	10A	3%
SCS120PW15	15V	8A	2%
SCS120PW18	18V	6.67A	2%
SCS120PW19	19V	6.32A	2%
SCS120PW24	24V	5A	2%
SCS120PW30	30V	4A	2%
SCS120PW32	32V	3.75A	2%
SCS120PW36	36V	3.34A	2%
SCS120PW48	48V	2.5A	2%

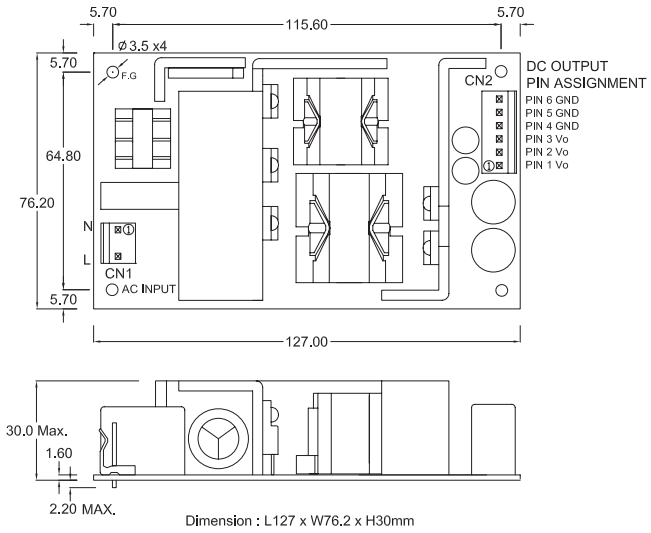
Mating Connectors

Mating	Molex Connector	Molex Pins
CN1	09-50-8031	08-52-0113
CN2	09-50-8061	08-52-0113

Other Industrial Products

EFE300	3” x 5” 300W single output
CSS150	3” x 5” 150W single output (Medical)
NV175	3” x 5” 175W single to quad outputs
SC40/60	3” x 5” 40 - 80W single to quad outputs
ZPSA/ZPT	2” X 4” 40 - 60W single to triple outputs
ZWS	5 to 240W single output

Outline Drawing



For Additional Information, please visit
us.tdk-lambda.com/lp/products/scs120-series.htm

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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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