

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

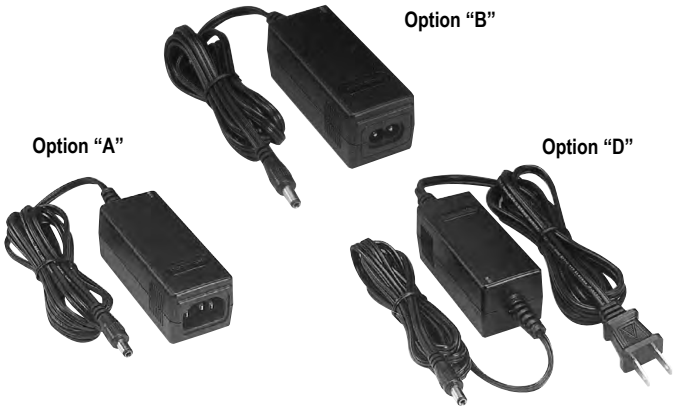
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Astrodyne TDI
Now you have power.

15 Watt Desktop Switching Power Adapters

SPU15A/B/D series



3.6" x 1.5" x 1.4"

- Universal 90-264VAC Input
- 3 Input Connection Options
- Single Outputs from 3.3 to 48VDC
- 3000V Isolation
- Splash Proof Case

Model Number	Output Watts	Output Voltage	Output Amps	Total Regulation
*SPU15(A, B or D)-101	8.25	3.3V	2.5A	7%
*SPU15(A, B or D)-102	12	5V	2.4A	5%
*SPU15(A, B or D)-103	12	6V	2.0A	5%
*SPU15(A, B or D)-104	15	10V	1.5A	5%
*SPU15(A, B or D)-105	15	12V	1.25A	5%
*SPU15(A, B or D)-106	15	15V	1.0A	5%
*SPU15(A, B or D)-107	15	18V	0.83A	5%
*SPU15(A, B or D)-108	15	24V	0.62A	5%
*SPU15(A, B or D)-109	15	30V	0.5A	5%
*SPU15(A, B or D)-110	15	36V	0.41A	3%
*SPU15(A, B or D)-111	15	48V	0.31A	3%

* Note:

The Asterisk * denotes a choice of AC input connectors (A, B or D option). Please see Mechanical Dimensions. If not denoted, option "A" IEC-320-C14 connector is used.

Low cost 3 Wire IEC320/C13 (Part Number ACCRD-C13) and 2 Wire IEC320/C7 (Part Number ACCRD-C7) Input Power Cords are available for these products. Inquire to the Astrodyne Sales Depart.

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INPUT SPECIFICATIONS

Input Voltage Range	90-264 VAC (Universal)	
Frequency Range	47-63 Hz	
Input Current	Low Line (115VAC)	0.4A
	High Line (230VAC)	0.26A
Inrush Current, typ (Cold Start)	Low Line (115VAC)	15A max.
	High Line (230VAC)	30A max.
Leakage Current	0.75mA MAX.	
	@ 240 VAC, FL	

OUTPUT SPECIFICATIONS

Voltage and Current	See Selection Charts	
Output Power Range	0 to FL Rating	
Load Regulation (230Vin)	+/- 7%, max.	
Line Regulation	+/- 1%, max.	
Transient Response	100Vin, FL to 1/2L	4mS
Temperature Coefficient	+/-0.04%/°C, typ	
Ripple/Noise	FL, 90Vin	2% Pk-Pk
Short Circuit Protection	Continuous, self-recovering *	
Start Up / Hold Up Time	100Vin, FL	2S max. / 5 mS min.

GENERAL SPECIFICATIONS

Input-Out Isolation	3000 VAC
Isolation Resistance	50 Mohm min.
Efficiency (FL, 230Vin)	75%, typ
Switching Frequency	89 KHz
Safety	(c)UL60950, EN60950

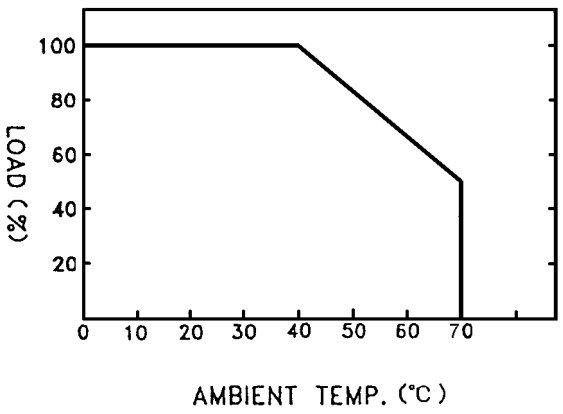
PHYSICAL SPECIFICATIONS

Size	3.6" x 1.5" x 1.4"
Construction	Desktop Style
Weight	5.8oz (165g)

ENVIRONMENTAL SPECIFICATIONS

Oper. Temperature	0 to +40°C (FL) *	
	50% Load @ 70°C	
	(See Derate Curve)	
Storage Temperature	-40 to +85°C *	
Relative Humidity	5% to 95%, non-cond *	
EMC	110Vin:	FCC Part 15 Class B
	220Vin:	CISPR-22 Class B
MTBF	202,000 Hrs	

DERATE CURVE



All specifications are typical at nominal input, full load, and 25°C unless otherwise noted

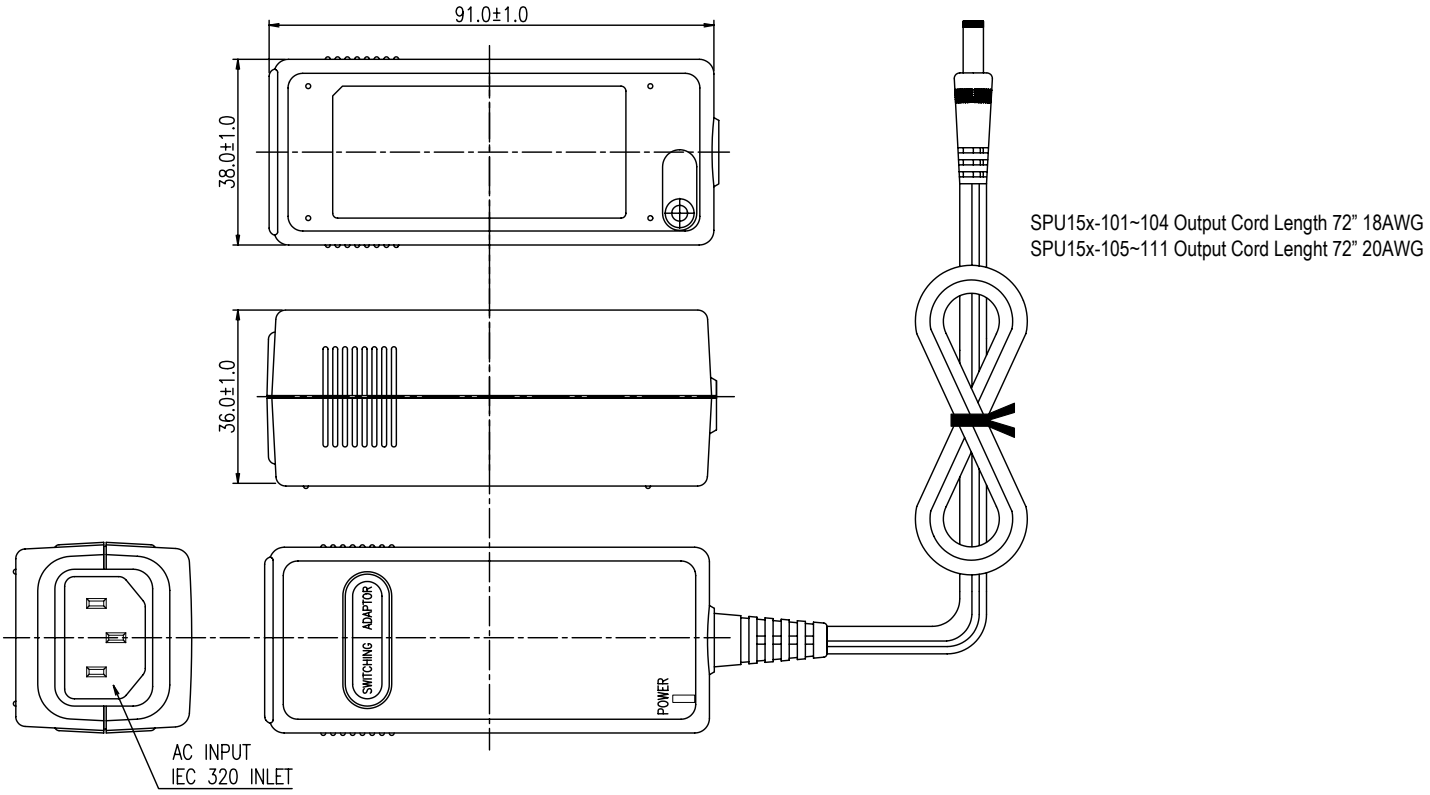
* These are stress ratings. Exposure of the devices to any of these conditions may adversely affect long term reliability. Proper operation under conditions other than the standard operating conditions is neither warranteed nor implied.

Astrodyne

15 Watt Desktop Switching Power Adapters

SPU15A series

MECHANICAL DIMENSIONS



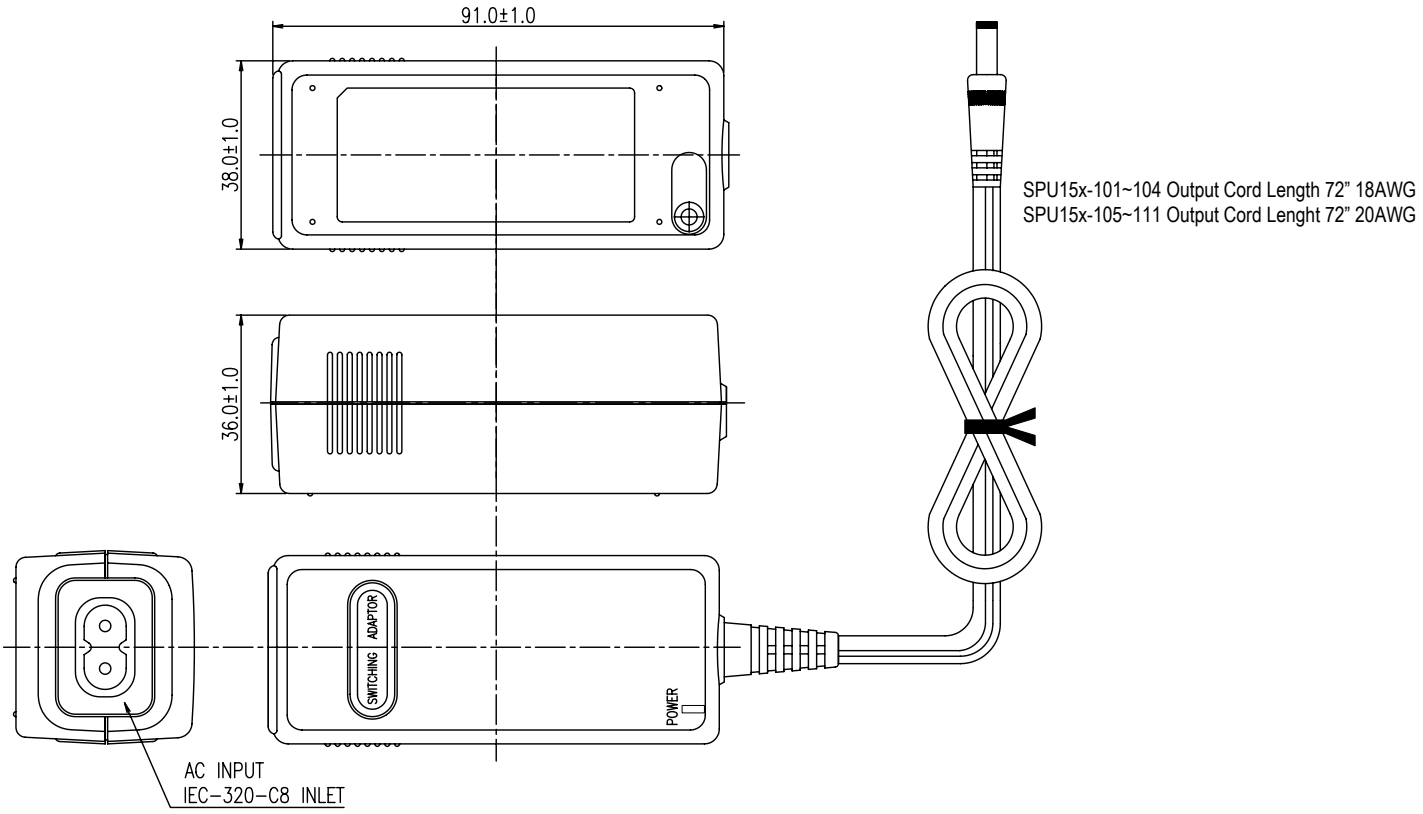
DC OUTPUT CONNECTIONS

Coaxial Plug

5.5mm outer diameter
2.1mm inner diameter, female
11mm length, center "+"



MECHANICAL DIMENSIONS



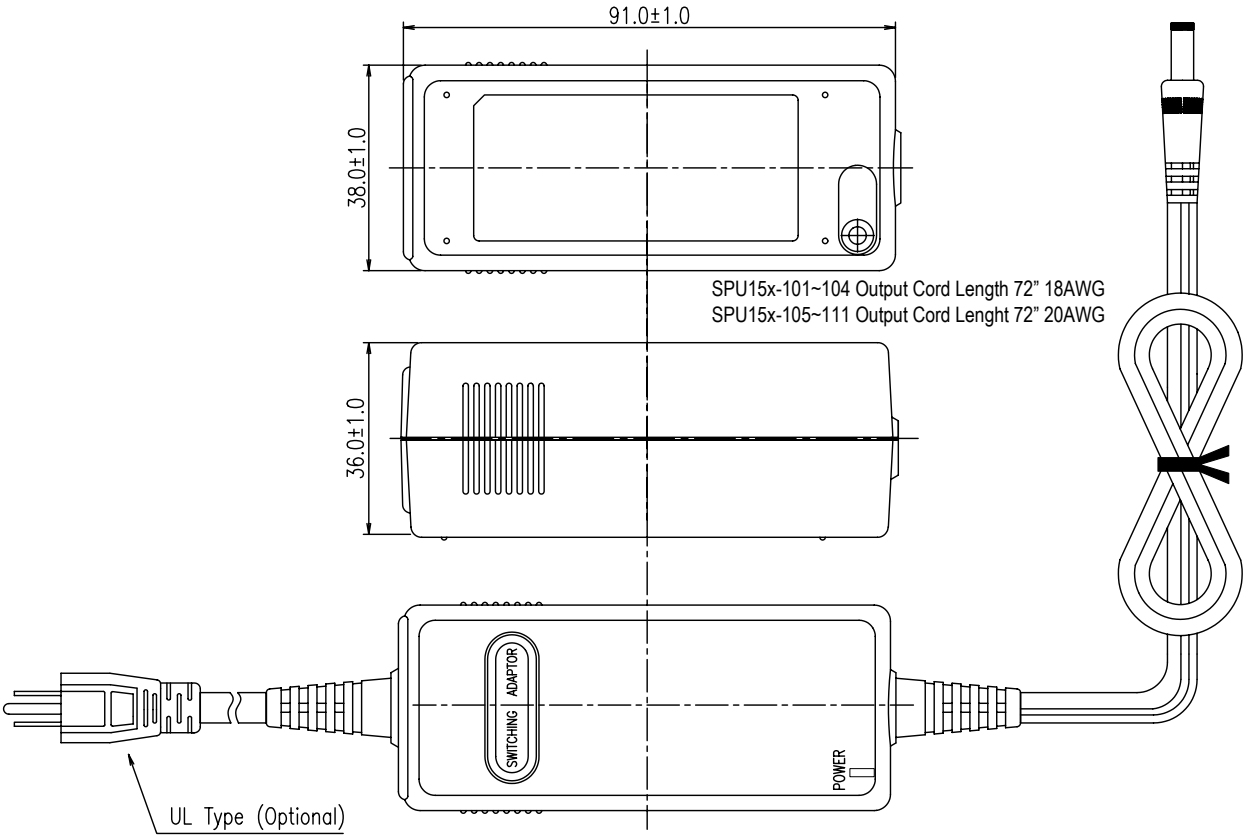
DC OUTPUT CONNECTIONS

Coaxial Plug

5.5mm outer diameter
2.1mm inner diameter, female
11mm length, center "+"



MECHANICAL DIMENSIONS



DC OUTPUT CONNECTIONS

Coaxial Plug

5.5mm outer diameter
2.1mm inner diameter, female
11mm length, center "+"



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!

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