

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

24 Watt Desktop Switching Power Adapters

SPU24 series



4.2" x 2.6" x 1.2"

- Universal 85-265VAC Input
- IEC-320-C14 Input Receptacle
- Single Outputs from 5 to 48VDC
- 3000V Isolation
- Splash Proof Case

Model Number	Output Watts	Output Voltage	Output Amps	Total Regulation
SPU24-102	15	5V	3A	5%
SPU24-103	20	6V	3.33	5%
SPU24-104	22	10V	2.2A	5%
SPU24-105	24	12V	2A	5%
SPU24-106	24	15V	1.6A	5%
SPU24-107	24	18V	1.33A	5%
SPU24-108	24	24V	1A	3%
SPU24-109	24	30V	0.8A	3%
SPU24-110	24	36V	0.66A	3%
SPU24-111	24	48V	0.5A	2%

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INPUT SPECIFICATIONS

Input Voltage Range	90-264 VAC (Universal)	
Frequency Range	47-63 Hz	
Input Current	Low Line (115VAC)	0.7A
	High Line (230VAC)	0.46A
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)	+/- 5%, max.	
Line Regulation	+/- 1%, max.	
Transient Response	100Vin, FL to 1/2L	4mS
Temperature Coefficient	+/-0.04%/°C, typ	
Ripple/Noise	FL, 90Vin	1% Pk-Pk, max.
Short Circuit Protection	Continuous, self-recovering *	
Start Up / Hold Up Time	100Vin, FL	2S max. / 12mS min.

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

GENERAL SPECIFICATIONS

Input-Out Isolation	3000 VAC
Input-Ground Isolation	1500 VAC
Isolation Resistance	50 Mohm min.
Efficiency (FL, 230Vin)	75%, typ
Safety	(c)UL60950-1, EN60950

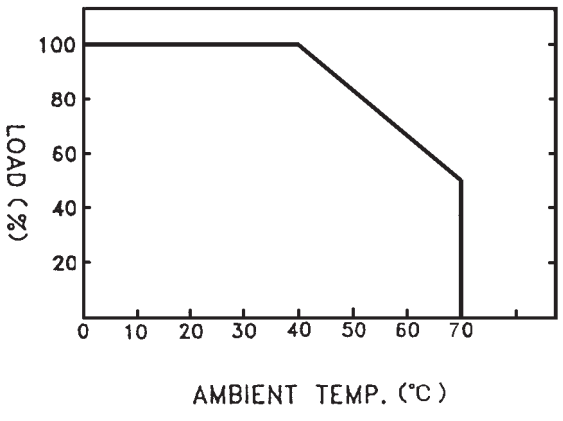
PHYSICAL SPECIFICATIONS

Size	4.2" x 2.6" x 1.2"
Construction	Desktop Style
Weight	7.6oz (215g)

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	100,000 Hrs	

DERATE CURVE



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

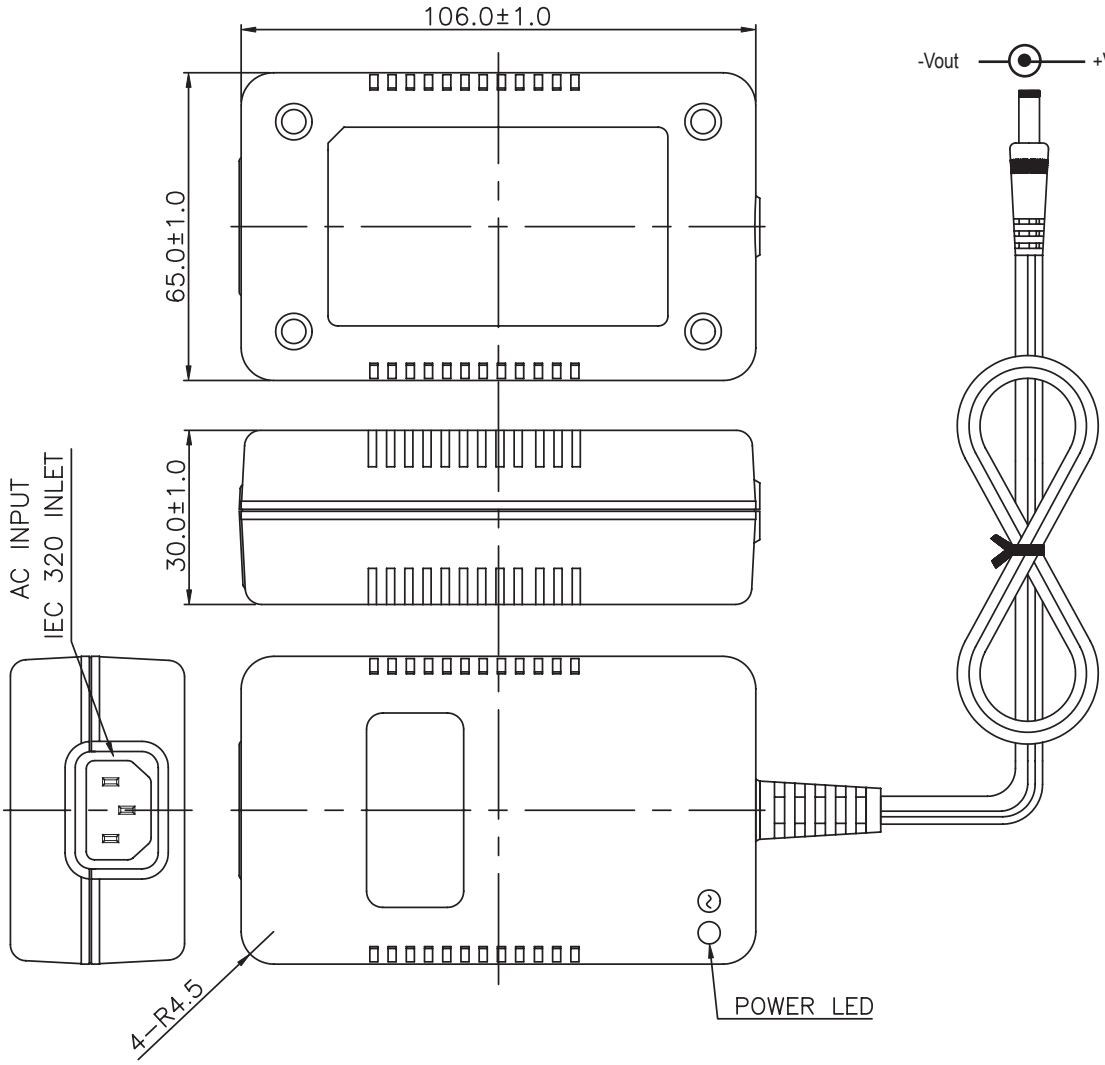
* These are stress ratings. Exposure of the devices to any of these conditions may adversely affect long term reliability. Proper operation under conditions other than the standard operating conditions is neither warranteed nor implied.

Astrodyne products are not authorized or warranteed for use as critical components in life support systems, equipment used in hazardous environments, nuclear controls systems, or other mission-critical applications.

WWW.ASTRODYNE.COM

300 Myles Standish Blvd., Taunton, MA 02780
Ph: 1-800-823-8082 Fax: 508-823-8181

MECHANICAL DIMENSIONS



DC OUTPUT CONNECTIONS

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

Output Cord Length 72" typ.

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

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