

ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
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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 *Astrodyne / RO MK320S-24* at our website: ***Click HERE***

Astrodyne

Compact 300 Watt Enclosed Switching Power Supplies

MK320S series



4"W x 7"L x 2"H

- Universal 88-264VAC Auto Range Input
- Compact Footprint
- High Efficiency
- Regulated Outputs
- 3000V Isolation
- Built in EMI Filter

Model Number	Output Voltage	Output Amps (max)	Ripple/Noise pp,typ
MK320S-5	5 VDC	50	150mv
MK320S-12	12 VDC	25	100mv
MK320S-15	15 VDC	20	100mv
MK320S-24	24 VDC	12.5	100mv

WWW.ASTRODYNE.COM

ASTRODYNE USA: 1-800-823-8082
ASTRODYNE PACIFIC: 886-2-26983458
ASTRODYNE EUROPE: 353 51 561060

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Astrodyne

Compact 300 Watt Enclosed Switching Power Supplies

MK320S series

INPUT SPECIFICATIONS

Input Voltage Range	88-132/176-264 VAC
	Auto Voltage Select
Frequency Range	47-63 Hz
Inrush Current, typ:	20A/100VAC, 40A/200VAC *

OUTPUT SPECIFICATIONS

Voltage and Current	See Selection Chart
Load Regulation	(0% to 100% Load)
	± 1%, typ
Line Regulation	± 1%, typ
Voltage Tolerance	± 1%
DC Voltage Adjust (typ)	± 6%, typ
Temperature Coefficient	± 0.03%/°C
Ripple/Noise	150mV pk-pk, typ
Over Voltage Protection	Latching, Re-power *
Over Current Protection	110-135%, typ.
Short Circuit Protection	Indefinite
Hold Up Time	20mS, Nom I/P, FL
Turn On Time	≤ 1.0 sec, typ
Rise Time	≤ 20 msec, typ
Over/Under Shoot	< 10% of FS

GENERAL SPECIFICATIONS

Isolation	I/P-O/P: 3000VAC
	I/P-Ground: 1500VAC
	O/P-Ground: 500VAC
Efficiency	80%, typ
Switching Frequency	110Khz, (fixed, typical)
Safety	EN60950, IEC60950
	UL60950
MTBF	100,000 Hours

ENVIRONMENTAL SPECIFICATIONS

Oper. Temperature	-10 to +60°C(See Derate)
Over Temp Protection	Latching, recoverable after
	cooling, and re-power
Storage Temperature	-25 to +70°C *
Relative Humidity	10% to 90%, non-cond *
EMI (Designed to Meet)	EN55011, Class B

PHYSICAL SPECIFICATIONS

Size	4" x 7" x 2"
Construction	Enclosed
Weight	1.95 lb, (880g)

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.

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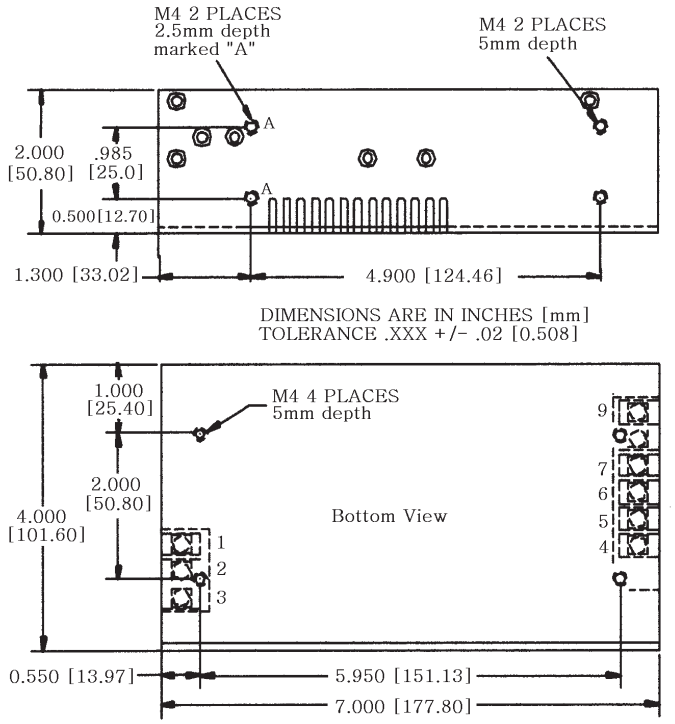
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MK320S series

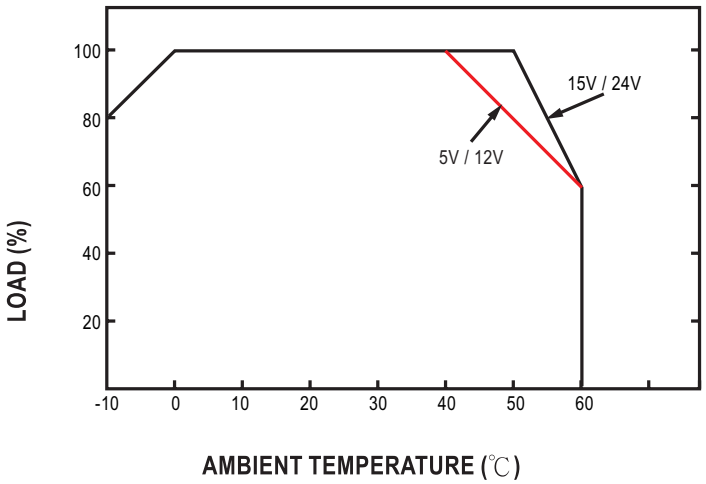
MECHANICAL DIMENSIONS



Pin #	Outputs
1	GND
2	ACN
3	ACL
4	- Output
5	- Output
6	- Output
7	+ Output
8	+ Output
9	+ Output

PLEASE NOTE:
To improve specifications and safety isolation, connection designations may have changed from prior revisions. Please verify connections per product labels on input and output connections prior to applying power to the unit

OUTPUT DERATING CURVE



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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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