



3.46"W x 7.7"L x 2.0"H

- Universal 90-264VAC Input
- UL2601, EN60601 Approved
- Regulated Outputs
- 4000V Isolation
- IEC320-C14 Input



Model Number	Output Voltage	Output Amps	Regulation	Output Watts	Output Connector
SINGLE OUTPUT					
AMP1011-02	5	14	5%	70W	8 Pin DIN
AMP1011-03	6	13.33	5%	80W	8 Pin DIN
AMP1011-04	10	9	4%	90W	5 Pin DIN
AMP1011-05	12	8.33	3%	100W	5 Pin DIN
AMP1011-06	15	6.66	3%	100W	5 Pin DIN
AMP1011-07	18	5.55	3%	100W	5 Pin DIN
AMP1011-08	24	4.16	2%	100W	2.1mm Coax
AMP1011-09	30	3.33	2%	100W	2.1mm Coax
AMP1011-10	36	2.77	2%	100W	2.1mm Coax



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Model Number	Output Voltage	Output Amps	Regulation	Output Watts	Output Connector
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DUAL OUTPUT

AMP1012-00	3.3/12	10/3	7/5%	69W	8 Pin DIN
AMP1012-01	5/12	10/3	5/5%	80W	8 Pin DIN
AMP1012-02	5/15	10/3	5/6%	80W	8 Pin DIN
AMP1012-03	5/24	10/2	5/5%	80W	8 Pin DIN
AMP1012-04	3.3/5	10/5	7/5%	55W	8 Pin DIN
AMP1012-05	+/-12	7/1	5/5%	80W	5 Pin DIN
AMP1012-10	+/-15	6/1	5/5%	80W	5 Pin DIN
AMP1012-12	24/-24	3/1	5/5%	80W	5 Pin DIN
AMP1012-15	5/-24	5/1	5/5%	74W	5 Pin DIN

TRIPLE OUTPUT

AMP1013-00	3.3,+/-12	10/3/1	7/5/5%	80W	8 Pin DIN
AMP1013-01	5/12/-5	10/3/1	5/5/5%	80W	8 Pin DIN
AMP1013-02	5,+/-12	10/3/1	5/5/5%	80W	8 Pin DIN
AMP1013-03	5,+/-15	10/3/1	5/6/5%	80W	8 Pin DIN
AMP1013-04	5,+/-24	10/3/1	5/5/5%	74W	8 Pin DIN
AMP1013-05	5/24/-12	10/3/1	5/5/5%	74W	8 Pin DIN
AMP1013-06	3.3/12/-5	10/3/1	7/5/5%	60W	8 Pin DIN
AMP1013-08	3.3/5/-12	10/3/1	7/5/5%	60W	8 Pin DIN



100W Medical Grade Desktop Switching Power Adapters

AMP101 series

INPUT SPECIFICATIONS

Input Voltage Range	90-264 VAC
Frequency Range	47-63 Hz
Leakage Current	0.1mA typ. @ 240VAC

OUTPUT SPECIFICATIONS

Voltage and Current	See Selection Charts
Load Regulation	See Selection Charts
Line Regulation	+/- 0.5%, typ (1% Max.)
Ripple/Noise	0.5% Pk-Pk, typ (1% Max.)
Hold Up Time	16mS min. at 110VAC Input

GENERAL SPECIFICATIONS

Input-Output Isolation	4000VAC
Efficiency	70% min.
Safety	UL60601-1, EN60601-1

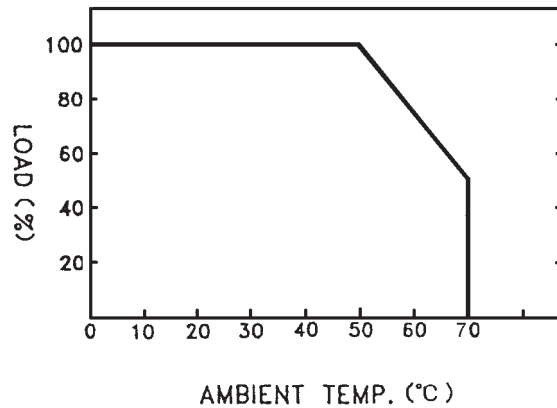
PHYSICAL SPECIFICATIONS

Size	7.7" x 3.46" x 2.0"
Construction	Desktop Style
Weight	1.7 (771g)

ENVIRONMENTAL SPECIFICATIONS

Oper. Temperature	0 to +70°C
	See Derate Curve
Storage Temperature	-40 to +85°C *
Relative Humidity	5 to + 95%, non-cond *
MTBF	100,000 Hrs
EMC	Vin = 220VAC CISPR-11 B
	Vin = 110VAC FCC Part 18 B

OUTPUT DERATING CURVE



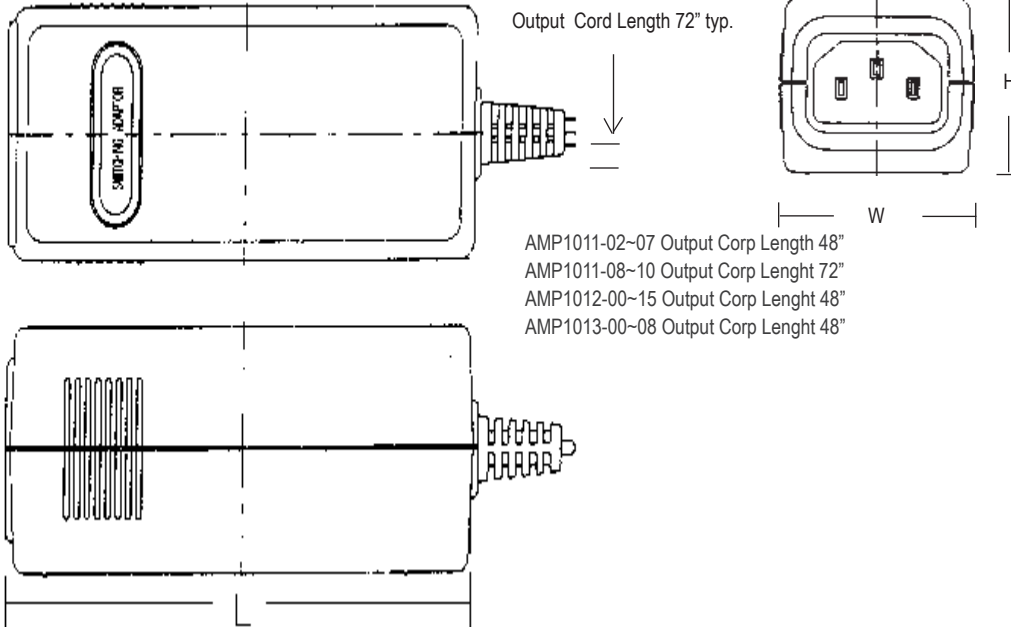
All specifications are typical at nominal input, full load, and 25°C unless otherwise noted

* 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 warranted nor implied.

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

MECHANICAL DIMENSIONS

Input Connection



DC Output Connections

Coaxial Plug:

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



DIN Connector

8 Pin DIN



5 Pin DIN



Single Output

- 1. COM
- 2. COM
- 3. Vout
- 4. COM
- 5. Vout
- 6. COM
- 7. Vout
- 8. Vout
- Shell = GND

- 1. COM
- 2. COM
- 3. Vout
- 4. COM
- 5. Vout
- Shell = GND

Dual Output

- 1. COM
- 2. Vout2
- 3. Vout1
- 4. Vout2
- 5. Vout1
- 6. COM
- 7. Vout1
- 8. COM
- Shell = GND

- 1. COM
- 2. COM
- 3. Output #1
- 4. No Connection
- 5. Output #2
- Shell = GND

Triple Output

- 1. Vout1
- 2. COM
- 3. Vout3
- 4. Vout1
- 5. Vout2
- 6. Vout1
- 7. COM
- 8. COM
- Shell = GND

- 1. COM
- 2. COM
- 3. Output #1
- 4. Output #3
- 5. Output #2
- Shell = GND