



2.99"W x 5.75"L x 1.69"H

- Universal 90-264VAC Input
- ANSI/AAMI ES 60601-1: 2005 (UL/cUL 3rd Edition)
- EN 60601-1:2006 (TUV/T-mark 3rd Edition).
- Regulated Single Outputs
- 4000V Isolation
- IEC320-C14 Input
- LPS Efficiency Level V (Most Models)



Model Number	Output Voltage	Output Amps	Regulation	Max. Output Watts	Output Connector	Efficiency
SINGLE OUTPUT						
AMP6401-02	5	9	7%	45W	DIN	77%
AMP6401-03	7	7.85	7%	55W	DIN	77%
AMP6401-04	9	6.44	5%	58W	DIN	80%
*AMP6401-05	12	5.25	5%	63W	DIN	87%
*AMP6401-06	15	4.2	5%	63W	DIN	87%
*AMP6401-07	18	3.5	5%	63W	DIN	87%
*AMP6401-08	24	2.62	3%	63W	DIN	87%
*AMP6401-09	30	2.1	3%	63W	DIN	87%
*AMP6401-10	36	1.75	3%	63W	DIN	87%

*Note: These Models meet LPS Efficiency Level V

INPUT SPECIFICATIONS

Input Voltage Range	90-264 VAC
Frequency Range	47-63 Hz
Leakage Current	0.1mA typ. @ 240VAC
Input Current Lowline	1.62A
Input Current Highline	0.72A
Inrush Current Lowline	45A max.
Inrush Current Highline	90A max.
Power Consumption @ No Load	0.5W, max. @ 230Vin

OUTPUT SPECIFICATIONS

Voltage and Current	See Selection Chart
Load Regulation	See Selection Chart
Line Regulation	± 0.5%, typ (1% Max.)
Ripple/Noise	0.5% Pk-Pk, typ (1% Max.)
Hold Up Time	16mS min. at 110VAC Input
Start Up Time	1S typ. (2S max.)
Over Voltage Protection	112-132%
Over Current Protection	110-150%
Transient Response (FL-1/2L)	4mS
Temperature Coefficient	±0.04%/°C, typ.

GENERAL SPECIFICATIONS

Isolation	I/P-O/P: 5656VDC (4000VAC)
	I/P-GND: 2828VDC (2000VAC)
Isolation Resistance	50MΩ
Efficiency	See Selection Chart
Safety	ANSI/AAMI ES 60601-1: 2005 (UL/cUL 3rd Edition)
	EN 60601-1:2006 (TUV/T-mark 3rd Edition)

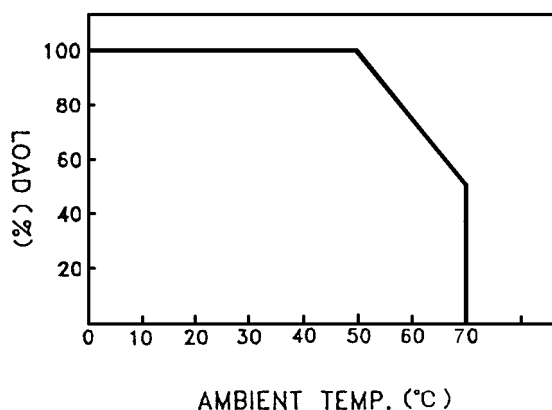
PHYSICAL SPECIFICATIONS

Size	5.75"L x 2.99"W x 1.69"H
Construction	Desktop Style
Weight	19.75oz (560g)

ENVIRONMENTAL SPECIFICATIONS

Oper. Temperature	0 to +70°C
	See Derate Curve
Storage Temperature	-40 to +85°C *
Relative Humidity	0 to + 95%, non-cond *
MTBF: MIL-HDBK-217F	100,000 Hrs. 25°C
EMI	220VAC in: CISPR-11B
	110VAC in: FCC-18B
Efficiency Level	V; Most Models, See Selection Chart

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.

MECHANICAL DIMENSIONS

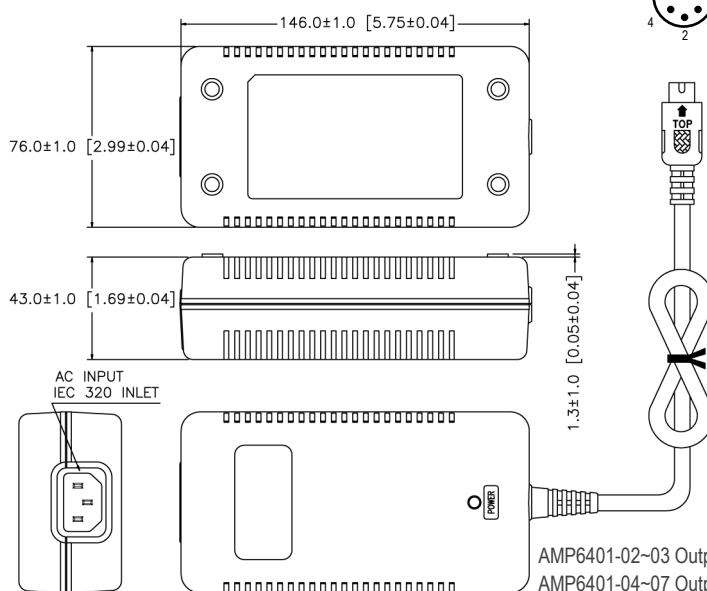
DC Output Connections

DIN (Multi-Output Models)

5 Pin DIN



- 1. COM
- 2. COM
- 3. Output
- 4. COM
- 5. Output
- SHIELD = GND



AMP6401-02~03 Output Cord Length 48", 16AWG, 5 Pin Connector Min.
AMP6401-04~07 Output Cord Length 48", 16AWG, 2 Pin Connector Min.
AMP6401-08~110 Output Cord Length 72", 18AWG, 2 Pin Connector Min.
These dimensions are required to meet published Regulation and Efficiency specifications as well as LPS Efficiency levels. Modifying these cables will potentially change and/or waive said specifications and Efficiency levels.