



2.56"W x 4.65"L x 1.54"H

- Universal 90-264VAC Input
- UL/cUL60601-1, EN60601-1
- Regulated Outputs
- 4000V Isolation
- IEC320-C14 Input
- LPS Efficiency Level V



<u>Model Number</u>	<u>Output Voltage</u>	<u>Output Amps</u>	<u>Regulation</u>	<u>Max. Output Watts</u>	<u>Output Connector</u>
<b>SINGLE OUTPUT</b>					
AMP3001-01	3.3	6.06	5%	20W	Coaxial
AMP3001-02	5	5	5%	25W	Coaxial
AMP3001-03	6	4.16	5%	25W	Coaxial
AMP3001-04	10	3	4%	30W	Coaxial
AMP3001-05	12	2.5	3%	30W	Coaxial
AMP3001-06	15	2	3%	30W	Coaxial
AMP3001-07	18	1.66	3%	30W	Coaxial
AMP3001-08	24	1.25	2%	30W	Coaxial
AMP3001-09	30	1	2%	30W	Coaxial
AMP3001-10	36	0.83	2%	30W	Coaxial



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Model Number	Output Voltage	Output Amps	Regulation	Max. Output Watts	Output Connector
<b>DUAL OUTPUT</b>					
AMP3002-00	3.3/12	3/1.3	7/5%	25W	DIN
AMP3002-01	5/12	3/1.3	5/5%	30W	DIN
AMP3002-02	5/15	3/1	5/6%	30W	DIN
AMP3002-03	5/24	3/0.7	5/5%	30W	DIN
AMP3002-04	3.3/5	3/1.6	7/5%	17.9W	DIN
AMP3002-09	+/-12	2/0.5	5/5%	30W	DIN
AMP3002-10	+/-15	1.5/0.5	5/5%	30W	DIN
AMP3002-15	5/-24	2.5/1	5/5%	30W	DIN
<b>TRIPLE OUTPUT</b>					
AMP3003-01	5/12/-5	2.5/1.3/0.5	5/5/10%	25W	DIN
AMP3003-02	5/12/-12	2.5/1/0.5	5/5/10%	30W	DIN
AMP3003-03	5/15/-15	2.5/1/0.5	5/5/10%	30W	DIN
AMP3003-04	5,+/-24	3/1/0.5	5/5/10%	30W	DIN
AMP3003-05	5/24/-12	2.5/1/0.5	5/5/10%	30W	DIN
AMP3003-06	3.3/12/-5	2.5/1.1/0.5	7/5/10%	25W	DIN

**INPUT SPECIFICATIONS**

Input Voltage Range	90-264 VAC
Frequency Range	47-63 Hz
Leakage Current	0.1mA typ. @ 240VAC
Input Current Lowline	0.9A
Input Current Highline	0.34A
Leakage Current	0.1mA
Inrush Current Lowline	15A max.
Inrush Current Highline	30A max.

**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	12mS min. at 110VAC Input
Start Up Time	1.5S 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: 4000VAC
	I/P-GND: 2000VAC
	O/P-GND: 500VAC
Isolation Resistance	50MΩ
Efficiency	83% typ.
Safety	UL60601-1, EN60601-1

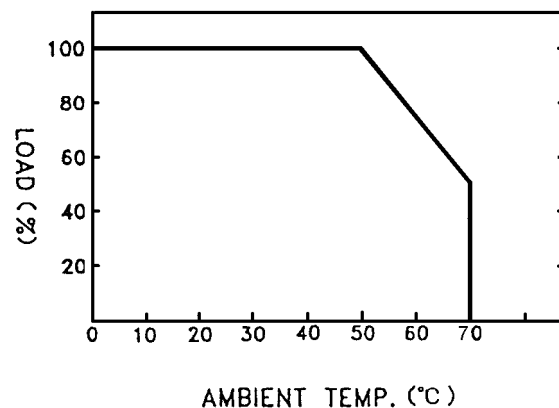
**PHYSICAL SPECIFICATIONS**

Size	4.65"L x 2.56"W x 1.54"H
Construction	Desktop Style
Weight	16.22oz (460g)

**ENVIRONMENTAL SPECIFICATIONS**

Oper. Temperature	0 to +70°C
	See Derate Curve
Storage Temperature	-40 to +85°C *
Relative Humidity	5 to + 95%, non-cond *
EMI	220VAC in: CISPR-11B
	110VAC in: FCC18B
Efficiency Level	V

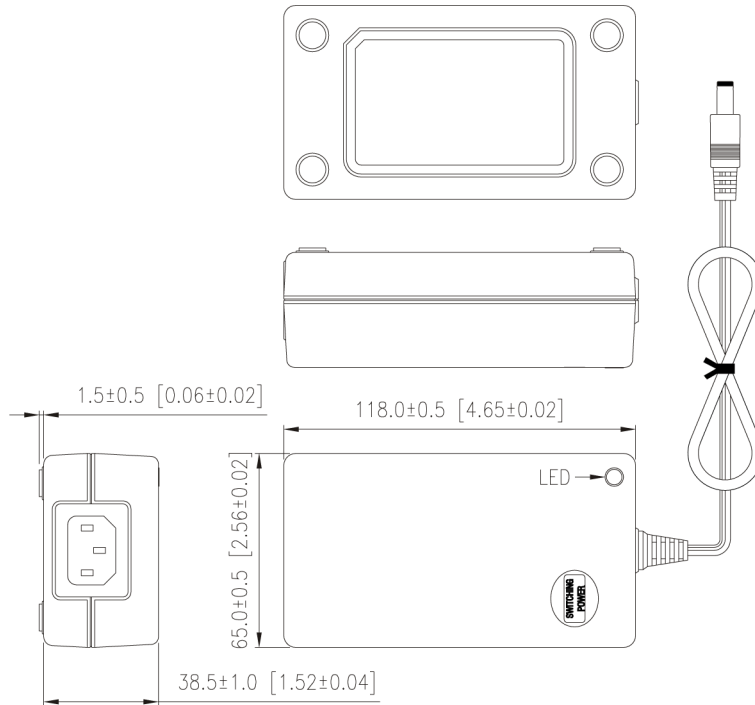
**OUTPUT DERATING CURVE**



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**



**Coaxial Plug:**

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



**5 Pin DIN**



**Dual Output**

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

**Triple Output**

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