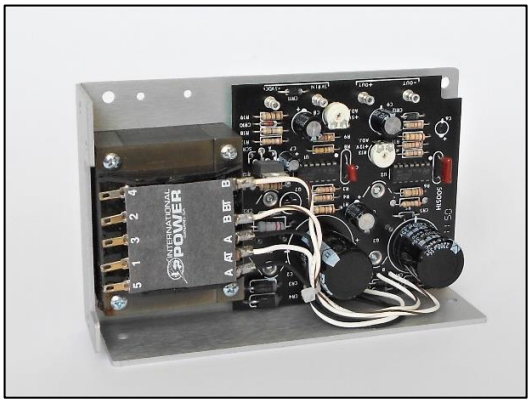
INTERNATIONAL POWER
DC POWER SUPPLIES



SPECIFICATIONS: LINEAR POWER SUPPLY **IHAA512**

MADE IN THE U.S.A.

VAC INPUT:

- 100/120/220/240 VAC +10%, -13%
- 230 VAC +15%, -10%
- FREQUENCY RANGE: 47-63HZ

VAC JUMPERING AND FUSING REQUIREMENTS:

SILKSCREENED ON CHASSIS FOR TRANFORMER PRIMARY TERMINALS

For Use at	100VAC	120VAC	220VAC	230/240VAC
Jumper	1&3, 2&4	1&3, 2&4	2&3	2&3
Apply AC	1&5	4&1	1&5	4&1
Max Current / Fuse Rating	0.75A		0.375A	

VDC OUTPUT:

- 5 VDC @ 2.0 AMPS
- 9-15 VDC @ 0.5 AMPS, SET AT 12 VDC
- 9-15 VDC OPERATION, READJUST R13

OVERVOLTAGE PROTECTION:

- 5 VDC OUTPUT – PROVIDED (SET AT 6.2VDC+/-0.4VDC)
- 9-15 VDC OUTPUT – AVAILABLE BY ADDING AN IOVP12 MODULE

SHORT CIRCUIT PROTECTION:

- AUTOMATIC FOLDBACK

OVERLOAD PROTECTION:

- OUTPUT CURRENT LIMIT (SET BY FACTORY)

LINE REGULATION:

- + OR - 0.05% FOR A 10% LINE CHANGE

LOAD REGULATION:

- + OR - 0.05% FOR A 50% LOAD CHANGE
  (DERATE OUTPUT CURRENT 10% FOR 50 HZ OPERATION)

OUTPUT RIPPLE: < 5.0 mV PK-PK

TRANSIENT RESPONSE: < 5 µsec per 50% LOAD CHANGE

TEMPERATURE RATINGS:

- OPERATING: 0°C TO 50°C FULL RATED
  DERATED LINEARLY TO 40% @ 70°C
- STORAGE: -40°C TO +85°C

TEMPERATURE COEFFICIENT:

- TYPICAL: 0.01%/DEGREE C
- MAXIMUM: 0.03%/DEGREE C

STABILITY: + OR - 0.3% FOR 24 HOURS AFTER 1 HOUR WARM-UP

EFFICIENCY (TYPICAL): 45%

VIBRATION:

- MIL-STD-810G, METHOD 514.6, CATEGORY 1, PROCEDURE1
- RANDOM VIBRATION 10Hz - 2KHz, 6.15 grams (3 axis)

SHOCK:

- MIL-STD-810G, METHOD 516.6, PROCEDURE III
- OPERATING: 20 GPK

REMOTE SENSING: NOT PROVIDED.

EMI/RFI: INHERENT LOW CONDUCTED AND REDIATED NOISE LEVELS.

- EMI: FCC CFR TITLE 47 PART 15 SUB-PART B
- RFI: EN55022/CISPR22-LEVEL B COMPATIBILITY

UL recognized for US and Canada – File#E133338/ CE Mark: LVD 92/59/EEC/ RoHs-5 Lead in Solder Exemption
US and Canadian (Bi-National) standards: ANSI/UL 60950-1/-21; CAN/CSA C22.2 #60950-1/-21; IEC 60950-1

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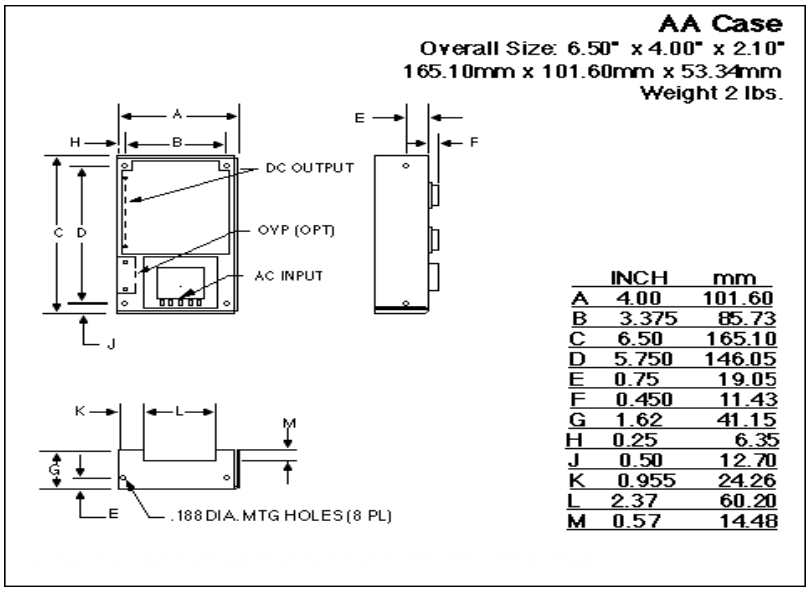
CASE SIZE: AA



	INCH	mm
A	4.00	101.60
B	3.375	85.73
C	6.50	165.10
D	5.750	146.05
E	0.75	19.05
F	0.450	11.43
G	1.62	41.15
H	0.25	6.35
J	0.50	12.70
K	0.955	24.26
L	2.37	60.20
M	0.57	14.48

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