

20-3422 A

REVISIONS		
REV	DESCRIPTION	DATE
A0	RELEASE TO PRODUCTION (RE-ISSUED)	6/4/2007

SAFETY STANDARDS COMPLIANCE:
 TUV EN 60950
 CE EN 50082-1
 UL1310, CLASS 2
 UL48

EMI STANDARDS:
 FCC 47 CFR PART 15 CLASS B

SAFETY CERTIFICATIONS
 UL E234571
 CUL E234571
 CE EMC-1-0601022
 FCC FCCE-1-0601022
 IP IPT950079
 UL E249377
 CUL E249377
 LVD EN61347 96-0249
 EMC EN55015, EN6100,
 EN61547 06-11-MAS-146

SAFETY

INPUT RANGE: AC 115/230V, Auto Switch.
 100 - 240 VAC, 1.5 A @ FULL LOAD.
 277 - 277 VAC, 0.47 A @ FULL LOAD.

FREQUENCY: 47 - 63 Hz.

EFFICIENCY: 85 % Typ.

PEAK INRUSH:
 20 AMPS @ 115V AC
 40 AMPS @ 230V AC

INPUT

LOAD CAPACITY: 96 WATTS

OUTPUT	MIN	MAX	LOAD REG	MAX. RIP
+12V	1.0 AMPS	5.0 AMPS	+5%/-5%	

CONSTANT CURRENT MODE
 5A 10 VOLTS 11.5 VOLTS +5%/-0%

OUTPUT

COOLING: CONVECTION

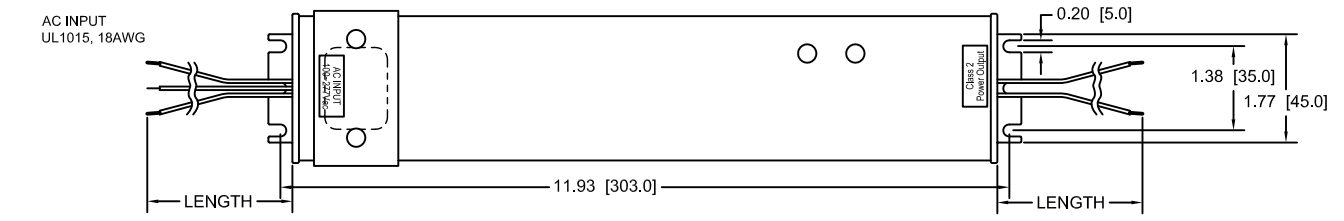
NOISE LEVEL: 0 dB

RELIABILITY (MTBF): (MIL-HDBK-217E)
 100,000 HRS. @ 25 DEG. C @ FULL LOAD

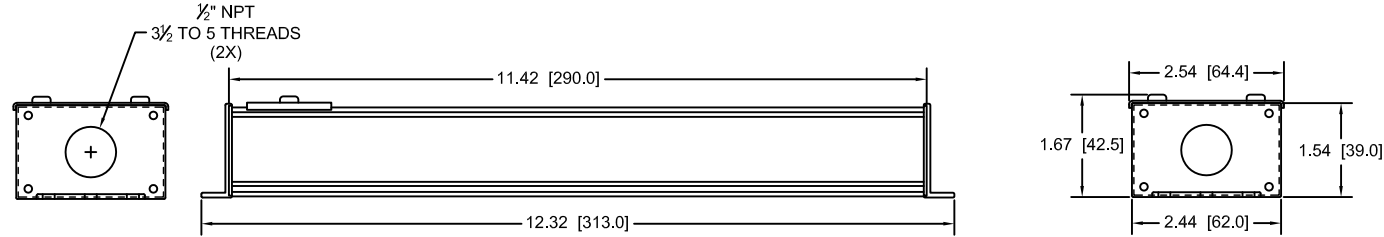
ENVIRONMENTAL CONDITIONS:
 OPERATING TEMPERATURE: -30 ~ 70°C
 RELATIVE HUMIDITY: 5 ~ 95%
 LOCATION: DRY, DAMP OR WET

CONNECTOR:

MISCELLANEOUS



CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC IN	-	BLACK	LINE	18	4.4 [112]
	-	WHITE	NEUTRAL	18	
	-	GRN/YEL	AC GND	18	
DC OUT	-	YELLOW	+V	18	-0.0 [0.0]
	-	BLACK	GND	18	



NOTES:
 TEMP DE-RATING 1% PER °C FROM 50°C TO 70°C
 CALIBRATE: 12V@5A

MANUFACTURED BY: HIGH PERFECTION TECHNOLOGY CO., LTD.

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UNLESS OTHERWISE SPECIFIED	APPROVAL DATE	9/18/2007
DIMENSIONS IN INCHES (MM)	EFFECTIVE DATE	6/4/2007
TOLERANCES: .X DECIMALS± .05 [1.3] .XX DECIMALS± .02 [0.5] .XXX DECIMALS± .005 [0.13] ANGLES± 1° FRACTIONS± 1/16	CHECKED BY	
DO NOT SCALE THIS DRAWING	APPROVED BY	
INTERPRET DRAWING PER ANSI Y14.5M		

MAGTECH

TITLE:
LP1090-19-GG-299, STD, 277VAC, 12V@5A

MODEL NO. LP1090-19-GG-299	DWG NO. M20-3422	REV. A0	SH OF 1 1
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