



REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	04/30/07	M. C.
B	Initial Production Release.	08/01/07	M. C.
C	Updated Environmental Characteristics and PN	04/23/08	M. C.

ELECTRICAL CHARACTERISTICS

NO	ITEM	SPECIFICATIONS	CONDITION
1	INPUT	AC 90-264V	RATED AC 100-240V
2	FREQUENCY	47Hz-63Hz	RATED 50/60Hz
3	INRUSH CURRENT	30A MAX.	AC 240V, RATED LOAD 25°C COLD START
4	EFFICIENCY	80% TYP.	AC 220-240V, RATED LOAD AC240V/60Hz INPUT RATED LOAD
5	LEAKAGE CURRENT	0.50mA MAX.	
6	RATED OUTPUT	DC 24V	
7	RATED LOAD	0.60A	0.65A MAX.
8	LOAD/LINE REGULATION	24.0V±5% ±1%	0A-0.60A
9	RIPPLE & NOISE VOLTAGE	100mVp-p	REFERENCE ITEM 9
10	OUTPUT SHORT PROTECTION	SHORT BE REMOVE NO DAMAGE	SHORT TIME 10 MINUTES MAX.
11	OVER VOLTAGE PROTECTION	ZENER SHORT PROTECTION	20 mA load
12	HOLD UP TIME	10mS TYP.	AC120V/60Hz INPUT, RATED LOAD
13	STAND BY POWER	0.30W TYP.	AC 230V INPUT, NO LOAD
14	LASTING CURRENT REGULATION	±30mA	

ENVIRONMENTAL CHARACTERISTICS

	TEMPERATURE RANGE	HUMIDITY RANGE
OPERATION	0°C ~ +45°C	10 ~ 90% RH
STORAGE	-20°C ~ +70°C	5 ~ 90% RH

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)

DECIMALS	ANGULAR
.X ± .1	X° ± 1°
.XX ± .01	
.XXX ± .005	



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TITLE: 24V Wide Range, VED Approved, Universal Regulated Switching Power Supply

DESIGNED: M. Chen	DATE: 04/30/07	PART NO: EIADT-VDE-001	REVISION: C
CHECKED: T. Yin	DATE: 04/30/07	CAGE CODE : 32559	SHEET # 1 OF 1

CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.

Matng Connector:
5.5 x 2.1 x 9mm DC Plugs

