ELJINTEK, INC.

SWITCH MODE POWER SUPPLY

GMPU40X-5 SPECIFICATION

1)INPUT:

A) INPUT VOLTAGE RANGE	100 TO 240VAC
B) INPUT FREQUENCY RANGE	47 TO 63 HZ
C) INPUT CURRENT	1.0-0.6A MAX
D) LEAKAGE CURRENT	0.1mA MAX.@240VAC/50HZ

2)OUTPUT:

A) OUTPUT VOLTAGE	+18VDC
B) OUTPUT CURRENT	2.22AMPS
C) OUTPUT POWER	40WATTS MAX
D) RIPPLE & NOISE	200mVp-p MAX. (PEAK TO PEAK MAXIMUM)(AT 20MHZ B.W)
E) LOAD REGULATION	17.64 TO 18.36(±2% MAXIMUM)
F) OVER VOLTAGE PROTECTION	YES. PROTECTED BY ZENER DIODE.
G) OVER CURRENT PROTECTION	YES. HICCUP MODE; AUTO-RECOVERY.
H) OUTPUT SHORT PROTECTION	YES. HICCUP MODE; AUTO-RECOVERY.

3)ENVIRONMENTAL:

A) OPERATING TEMPERATURE	0 TO +40℃
B) STORAGE TEMPERATURE	-40 TO +85℃
C) RELATIVE HUMIDITY	5% TO 95% NON-CONDENSING
D) DERATING	FROM +40℃ DERATE LINEARLY TO 70% AT +50℃

4)GENERAL:

A) EFFICIENCY	AVG. EFF. 87.60% MIN. AT 115VAC / 230VAC
B) NO LOAD POWER CONSUMPTION	< 0.1W
C) HOLD-UP TIME	10 m SEC / 115VAC AT FULL LOAD
D) LINE REGULATION	±1% MAXIMUM AT FULL LOAD
E) INRUSH CURRENT	50AMPS MAX./115Vac；90AMPS MAX./ 230VAC AT 25℃ COLD START
F) WITHSTAND VOLTAGE	5656VDC FROM INPUT TO OUTPUT
G) INSULATION RESISTANCE	50MΩ MINIMUM FROM INPUT TO GROUND
H) MEAN TIME BETWEEN FAILURE	100,000 HOURS MIN. AT FULL LOAD AT 25℃ AMBIENT
I) EMC REGULATIONS	(A)EN55011 (B)EN60601-1-2、EN61000-3-2、EN61000-3-3 (C)IEC6000-4-2,3,4,6,8,11 (D) FCC 47 CFR PART 18 SUBPART B
J) SAFETY STANDARD	(A) UL/cUL(ANSI/AMMI ES6061-1) (B) TUV EN60601-1 (C) IEC60601-1
K) ENERGY REQUIREMENTS	(A) DoE LEVEL VI (B) CoC VERSION 5 (C) ErP STEP 2

5)CONSTRUCTIONS:

(A) SIZE	SHOWN AS DRAWING
(B) ELECTRICAL CONSTRUCTION	CLASS II