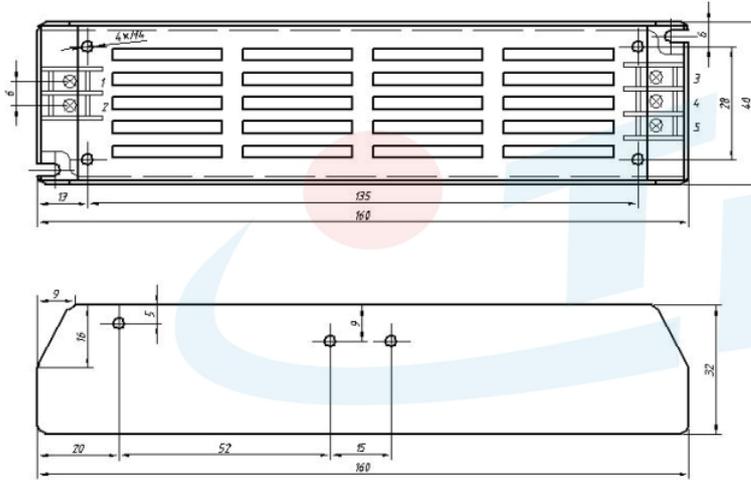


# SPECIFICATION

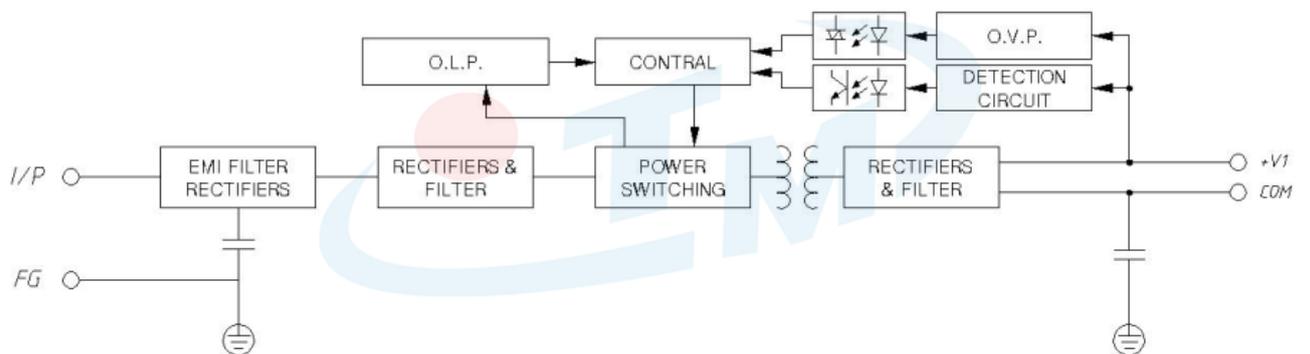
MODE		L-80W-12V			
INPUT	FREQUENCY RANGE	90-250VAC			
	EFFICIENCY (Typ.)	47-63HZ			
	AC CURRENT (Typ.)	70%-95%			
	INRUSH CURRENT (Typ.)	2.5A/115VAC 1.5A/230VAC			
	LEAKAGE CURRENT	COLD START: 40A/230VAC			
OUTPUT	FREQUENCY RANGE	<2mA/240VAC			
	DC VOLTAGE	12V	VOLTAGE TOLERANCE	±6.1%	
	RATED CURRENT	6.5A	LINE RUGULATION	±1.5%	
	CURRENT RANGE	0-6.5A	LOAD REGULATION	±3.0%	
	RATED POWER	78W	STARTING TIME	500ms/230V 1200ms/115V	
	RIPPLE & NOISE (max.)	≅ 120Mv	RISING TIME	20ms/230V 30ms/115V	
ENVIRONMENT	VOLTAGE ADJ. RANGE	11.25-12.75V	STORAGE TIME	60ms/230V 140ms/115V	
	WORKING TEMP.	-20℃~+70℃			
	WORKING HUMIDITY	20~90%RH, non-condensing			
	TEMP. COEFFICIENT	-40℃~+85℃, 10~95%RH			
	VIBRATION	10~500HZ.5G 10min/cycle, each along X, Y, Z axes 60mins			
PROTECTION	STORE TEMP., HUMIDITY	-40~+85℃, 10~95%RH			
	OVER CURRENT	110%~150% rated output power			
	OVER VOLTAGE	12.75~13.75V			
SAFETY & EMC	PROTECTION type	:Hiccup mode ,recovers automatically after fault condition is removed			
	CERTIFICATIONS	Compliance to FCC、CE、TUV and UL standards			
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC			
	ISOLATION RESISTANCE	I/P-O/P,I/P-FG,O/P-FG:100M Ohms/500VDC/25℃/70%RH			
	EMC EMISSION	Compliance to EN55022(CISPR22)Class B,EN61000-3-2,-3			
OTHERS	EMC IMMUNITY	Compliance to EN6100-4-2,3,4,5,6,8,11, EN61000-6-2 (EN50082-2)			
	MTBF	≥100Khrs. MIL-HDBK-217F(25℃)			
	DIMENSION	160*40*32mm			
	PACKAGE	0.24kg:91pcs/22.42kg/1.18CUFT			
NOTE	TEMP. RISING	≅ 28℃			
	<p>11.All parameters NOT specially mentioned are measured at 230VAC input, rated load and 23 of ambient temperature.</p> <p>2.Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. Line regulation is measured from low line to high line at rated load.</p> <p>5. Constant current operation region is within 20%-100% rated output voltage. Others are 60% rated output voltage.</p> <p>6.Each output is normal within the constant current ,but the total output power must not exceed the rated output power.</p> <p>7.The power supply is considered a component which will be installed into a final equipment. The final equipment manufacturers must re-qualify that it still meets EMC Directives.</p>				

## Mechanical Specification



Pin NO.	ASSIGNMENT
1	DC OUTPUT COM
2	DC OUTPUT +12V
3	AC INPUT /N
4	AC INPUT /L
5	FG $\perp$

## Block Diagram



## Characteristic Curve

\* Load The Derating Curve Characteristics

\* Static

