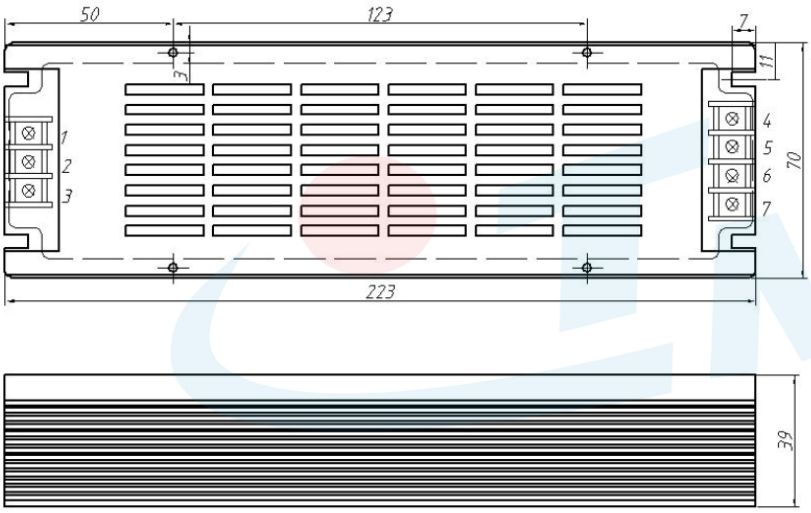
SPECIFICATION

MODE		L-250W-12V		
INPUT	FREQUENCY RANGE	90-250VAC		
	EFFICIENCY (Typ.)	47-63HZ		
	AC CURRENT (Typ.)	70%-95%		
	INRUSH CURRENT (Typ.)	5.5A/115VAC 4.5A/230VAC		
	LEAKAGE CURRENT	COLD START：55A/115VAC		
	FREQUENCY RANGE	<3.5mA/240VAC		
OUTPUT	DC VOLTAGE	12V	VOLTAGE TOLERANCE	±6.1%
	RATED CURRENT	21.5A	LINE RUGULATION	±1.5%
	CURRENT RANGE	0-21.5A	LOAD REGULATION	±3.0%
	RATED POWER	258W	STARTING TIME	500ms/230V
	RIPPLE & NOISE (max.)	≦120Mv	RISING TIME	20ms/230V 30ms/115V
	VOLTAGE ADJ. RANGE	11.25-12.75V	STORRAGE TIME	60ms/230V 140ms/115V
ENVRIRONMENT	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		
	STORE TEMP., HUMIDITY	-40～+85℃，10～95%RH		
PROTECTION	OVER CURRENT	110%～150% rated output power		
		Protection type :Hiccup mode ,recovers automatically after fault condition is removed		
	OVER VOLTAGE	12.75～13.75V		
		Protection type : Hiccup mode ,recovers automatically after fault condition is removed		
SAFETY & EMC	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		
	EMC IMMUNITY	Compliance to EN6100-4-2,3,4,5,6,8,11，EN61000-6-2（EN50082-2）		
OTHERS	MTBF	≥100Khrs. MIL-HDBK-217F(25℃)		
	DIMENSION	223*70*39mm		
	PACKAGE	1.3kg;23pcs/30.48kg/1.18CUFT		
	TEMP. RISING	≦28℃		
NOTE	1.All parameters NOT specially mentioned are measured at 230VAC input, rated load and 23 of ambient temperature. 2.Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Line regulation is measured from low line to high line at rated load. 5. Constant current operation region is within 20%~100% rated output voltage. Others are 60% rated output voltage. 6.Each output is normal within the constant current ,but the total output power must not exceed the rated output power. 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 meats EMC Directives.			

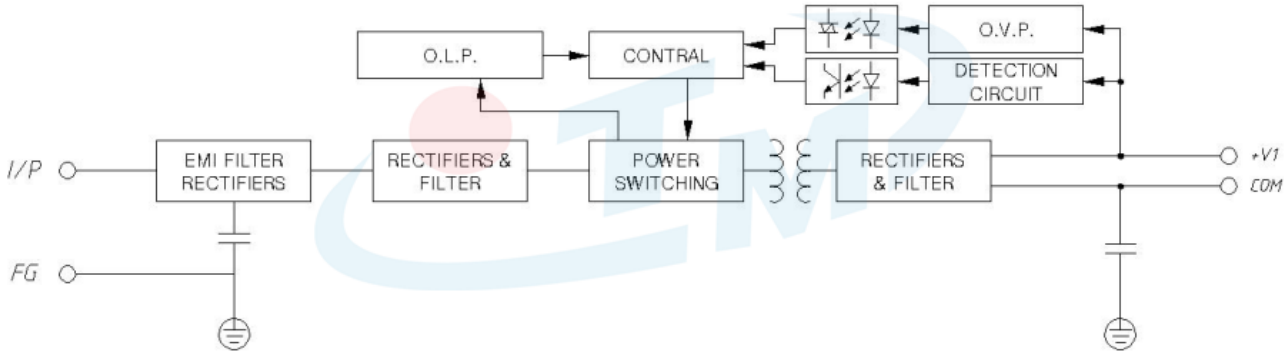
Mechanical Specification



TERMINAL Pin NO. ASSIGNMENT

Pin NO.	ASSIGNMENT
1	FG ⏚
2	AC INPUT /L
3	AC INPUT/N
4	DC OUTPUT COM
5	DC OUTPUT COM
6	DC OUTPUT +12V
7	DC OUTPUT +12V

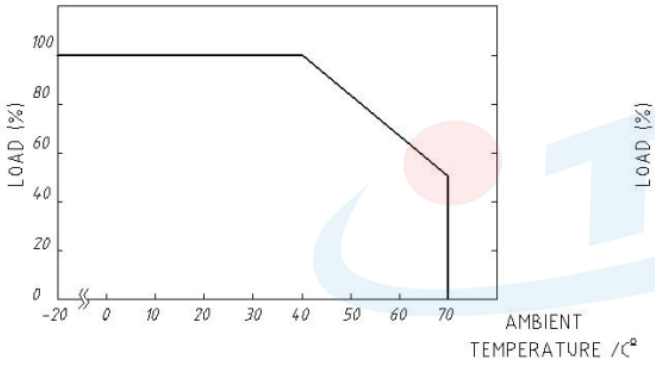
Block Diagram

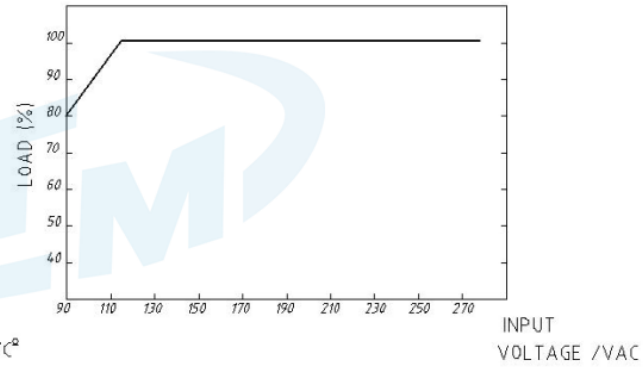


Characteristic Curve

* Load The Derating Curve

* Static Characteristics


LOAD (%)
100
80
60
40
20
0
-20
0
10
20
30
40
50
60
70
AMBIENT
TEMPERATURE /C°


LOAD (%)
100
90
80
70
60
50
40
90
110
130
150
170
190
210
230
250
270
INPUT
VOLTAGE /VAC