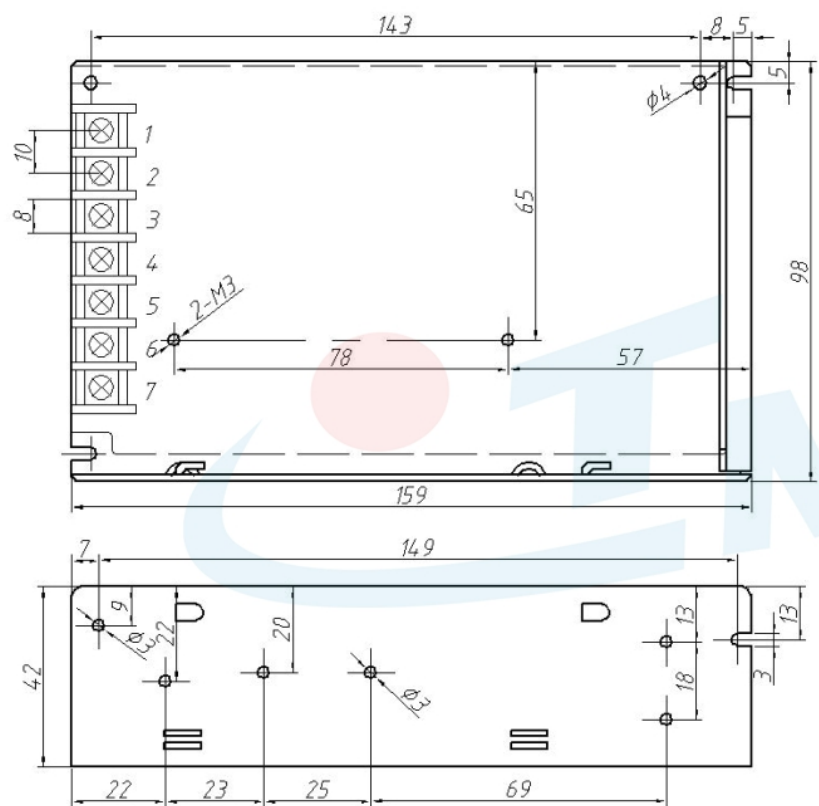


SPECIFICATION

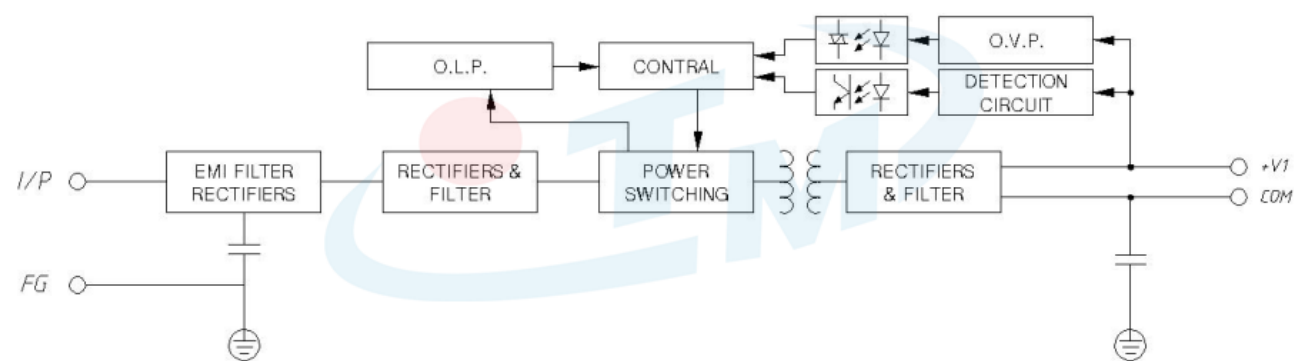
MODE		T-100W-12V			
INPUT	FREQUENCY RANGE	90-250VAC			
	EFFICIENCY (Typ.)	47-63HZ			
	AC CURRENT (Typ.)	70%-95%			
	INRUSH CURRENT (Typ.)	2. 5A/115VAC 1.5A/230VAC			
	LEAKAGE CURRENT	COLD START: 40A/230VAC			
	FREQUENCY RANGE	<2mA/240VAC			
OUTPUT	DC VOLTAGE	12V	VOLTAGE TOLERANCE	±6.1%	
	RATED CURRENT	8.5A	LINE RUGULATION	±1.5%	
	CURRENT RANGE	0-8.5A	LOAD REGULATION	±3.0%	
	RATED POWER	102W	STARTING TIME	500ms/230V	
	RIPPLE & NOISE (max.)	≅ 120Mv	RIISING TIME	20ms/230V	30ms/115V
	VOLTAGE ADJ. RANGE	11.25-12.75V	STORAGE TIME	60ms/230V	140ms/115V
ENVIRONMENT	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	159*98*42mm			
	PACKAGE	0.41kg:65pcs/27.45kg/2.23CUFT			
	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 meets EMC Directives.				

Mechanical Specification



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

Block Diagram



Characteristic Curve

* Load The Derating Curve
Characteristics

* Static

