

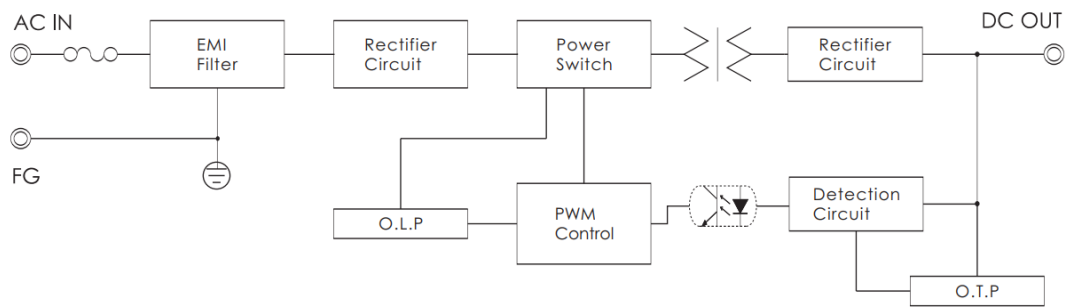
UP-1002LM Features



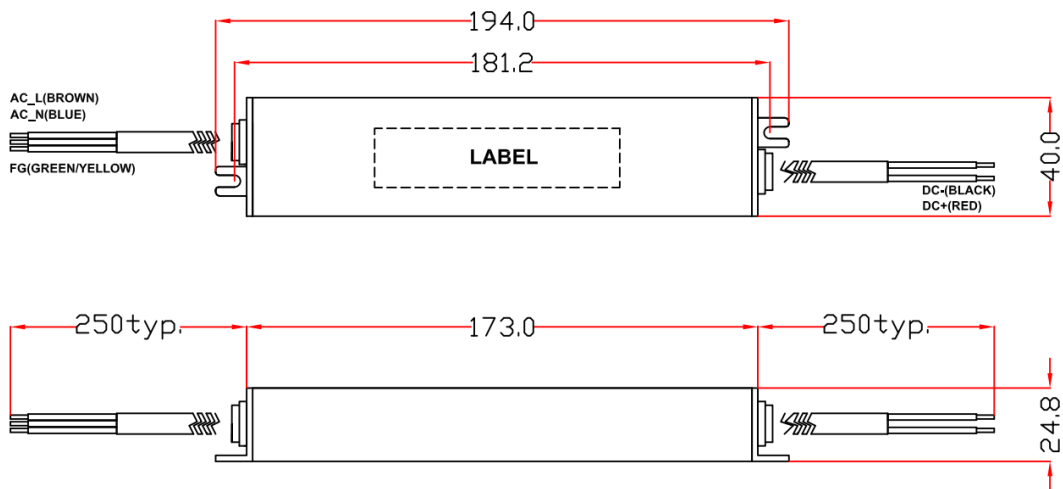
- Constant voltage design (CV mode)
- AC input voltage 180~246Vac
- Protection : Over load/Short circuit/Over temperature
- IP68 design for outdoor installation
- 100% full load burn-in test
- **Full Power**
- Suitable for LED lighting and moving sign applications
- Metal case
- Safety standards : EN61347-1,EN61347-2-13/K61347-1, K61347-2
- EMC standards : EN55022,EN61204-3,EN61000-3-2,3/K00001
- 2 years warranty.

ITEM		UP150S12W2LM
INPUT	VOLTAGE RANGE	AC180~264V
	FREQUENCY RANGE	47~63Hz
	EFFICIENCY(typ.)	91%
	AC CURRENT(typ.)	1A/220VAC
	INRUSH CURRENT(typ.)	COLD START 40A/220VAC
	LEAKAGE CURRENT	<2mA / 220VAC
OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	8.3A
	RATED POWER	100W
	RIPPLE&NOISE (max.) Note2	600mVp-p
	VOLTAGE TOLERANCE Note3	±4%
	LINE REGULATION Note4	±2%
	LOAD REGULATION Note5	±2%
	SETUP, RISE TIME (max.)	3000ms,100ms/220VAC at full load
PROTECTION	HOLD UP TIME(typ.)	5ms/220VAC at full load
	SHORT CIRCUIT	Hiccup mode ; recovers automatically after fault condition is removed
	OVER LOAD	Over 110% of rating ; recovers automatically after fault condition is removed
ISOLATION	OVER TEMPERATURE	recovers automatically after fault condition is removed
	WITHSTAND VOLTAGE	I/P-O/P:AC3KV, I/P-F.G:AC1.5KV, O/P-F.G:AC0.5KV
ENVIRONMENT	ISOLATION RESISTANCE	I/P-O/P, I/P-F.G, O/P-F.G:DC500V 100Mohms (At room temp. & humidity)
	WORKING TEMP. & HUMID.	-40~+70°C(Refer to "DERATING CURVE"),20~95%RH
	STORAGE TEMP. & HUMID.	-40~+75°C,10~95%RH
OTHERS	VIBRATION	10~500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z
	DIMENSION/WEIGHT	194*40*24.8mm(L*W*H)/210kg
NOTE	- All parameters not specially mentioned are measured at 220Vac input, rated load and 25°C ambient temperature. - Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminal 0.1uF & 47uF parallel capacitor. - Tolerance: includes set up tolerance, line regulation and load regulation. - Line regulation is measured from low line to high line at rated load. - Load regulation is measured from low 0% to 100% rated load.	

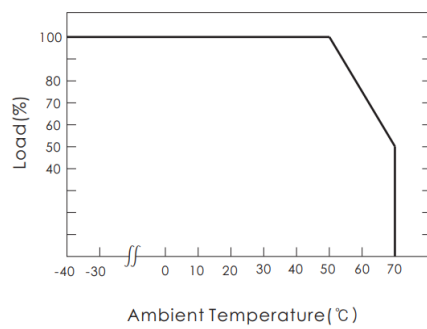
- BLOCK DIAGRAM:**



- DIMENSIONS (unit: mm)**



DERATING CURVE



STATIC CHARACTERISTICS

