NAB LED
شركة الناب المضيء التجارية
Alnab Almudeei Trading LLC.

150W2LM S.M.P.S NAB LED Converter:

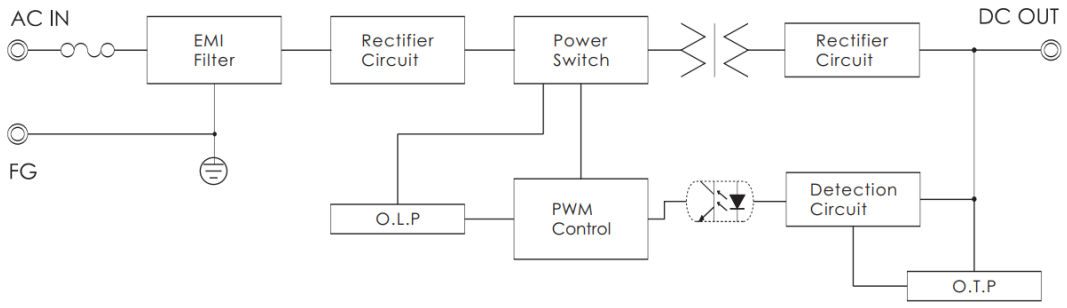
UP-1502LM Features

- 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, K61347-2-13
- EMC standards : EN55022,EN61204-3,EN61000-3-2,3/K000015, K61547
- 2 years warranty.

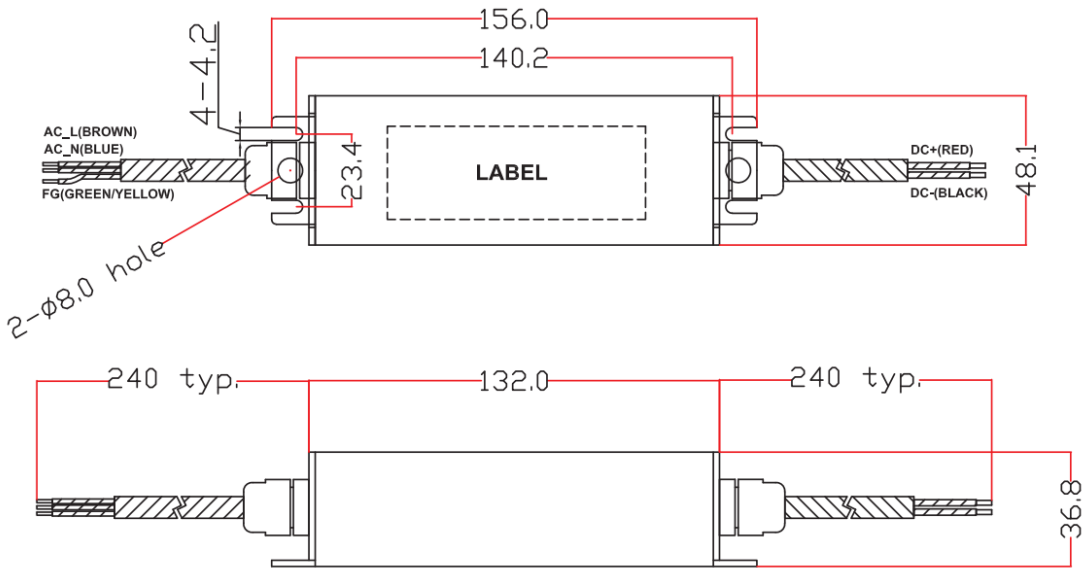
ITEM		UP150S12W2LM
INPUT	VOLTAGE RANGE	AC180~264V
	FREQUENCY RANGE	47~63Hz
	EFFICIENCY(typ.)	91%
	AC CURRENT(typ.)	1.75 A/220VAC
	INRUSH CURRENT(typ.)	COLD START 40 A/220VAC
	LEAKAGE CURRENT	<2mA / 220VAC
OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	12.5 A
	RATED POWER	150 W
	RIPPLE&NOISE (max.) Note2	600mVp-p
	VOLTAGE TOLERANCE Note3	±4 %
	LINE REGULATION Note4	±2 %
	LOAD REGULATION Note5	±2%
	SETUP, RISE TIME (max.)	3000ms,100ms/220VAC at full load
	HOLD UP TIME(typ.)	5ms/220VAC at full load
PROTECTION	SHORT CIRCUIT	Hiccup mode ; recovers automatically after fault condition is removed
	OVER LOAD	Over 110% of rating ; recovers automatically after fault condition is removed
	OVER TEMPERATURE	recovers automatically after fault condition is removed
ISOLATION	WITHSTAND VOLTAGE	I/P-O/P:AC3KV, I/P-F.G:AC1.5KV, O/P-F.G:AC0.5KV
	ISOLATION RESISTANCE	I/P-O/P, I/P-F.G, O/P-F.G:DC500V 100Mohms (At room temp. & humid.)
ENVIRONMENT	WORKING TEMP. & HUMID.	-40~+70 (Refer to "DERATING CURVE"),20~95%RH
	STORAGE TEMP. & HUMID.	-40~+75 ,10~95%RH
	VIBRATION	10~500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes
OTHERS	DIMENSION/WEIGHT	156 * 48.1 * 36.8mm(L*W*H)/490 kg
NOTE		• All parameters not specially mentioned are measured at 220Vac input, rated load and 25 of ambient temperature. • Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair -wire terminated with 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.

CE RoHS IP68 SELV ISO

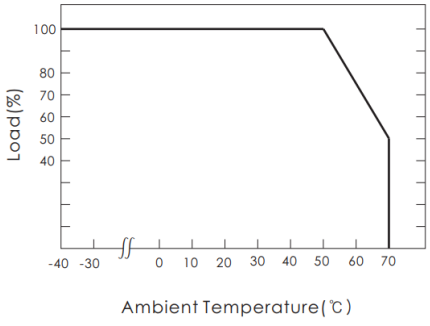
- **BLOCK DIAGRAM:**



- **DIMENTIONS (unit: mm)**



DERATING CURVE



STATIC CHARACTERISTICS