

UP-W2LF Features

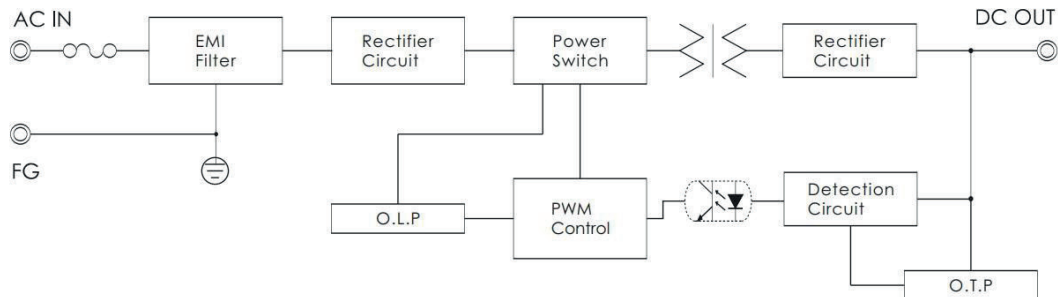


- Constant voltage design (CV mode)
- AC input voltage 246~180Vac
- Protection : Over load/Short circuit/Over temperature
- IP68 design for outdoor installation - 10%0 full load burn-in test
- **Full Power**
- Suitable for LED lighting and moving sign applications
- Metal case
- Safety standards : EN61347-1,EN61347-2-13
- EMC standards : EN55022,EN61204-3,EN61000-3-2,3
- 2 years warranty.

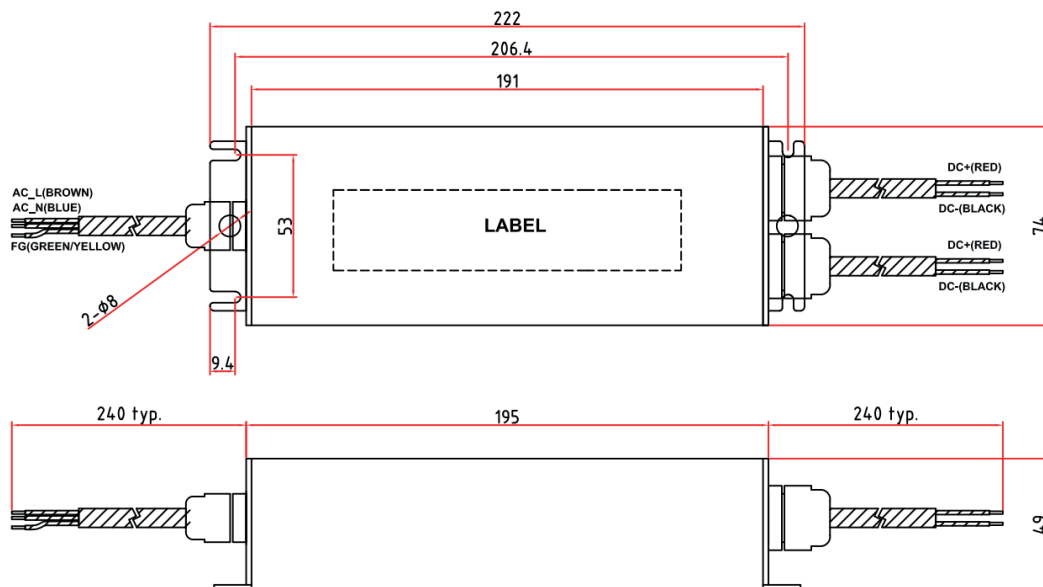
ITEM		UP300S12W2LF
INPUT	VOLTAGE RANGE	AC264~180V
	FREQUENCY RANGE	63~47Hz
	EFFICIENCY(typ.)	%91
	AC CURRENT(typ.)	3.1A/220VAC
	INRUSH CURRENT(typ.)	COLD START 45A/220VAC
	LEAKAGE CURRENT	<2mA / 220VAC
OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	25A
	RATED POWER	300W
	RIPPLE&NOISE (max.) Note2	1000mVp-p
	VOLTAGE TOLERANCE Note3	±%3
	LINE REGULATION Note4	±%1
	LOAD REGULATION Note5	±%2
	SETUP, RISE TIME (max.)	3000ms,100ms/220VAC at full load
PROTEC TION	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
ENVIRONM ENT	ISOLATION RESISTANCE	I/P-O/P, I/P-F.G, O/P-F.G:DC500V 100Mohms (At room temp. & humid.)
	WORKING TEMP. &HUMID.	-70+~40°C(Refer to "DERATING CURVE"),%95~20RH
	STORAGE TEMP. &HUMID.	-75+~40°C,%95~10RH
	VIBRATION	500~10Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes
OTHERS	DIMENSION/WEIG HT	49*74*222mm(L*W*H)/1.45kg
NOTE	• All parameters not specially mentioned are measured at 220Vac input, rated load and 25°C of ambient temperature. • 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. • Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with 0.1uF & 47uF parallel capacitor.	



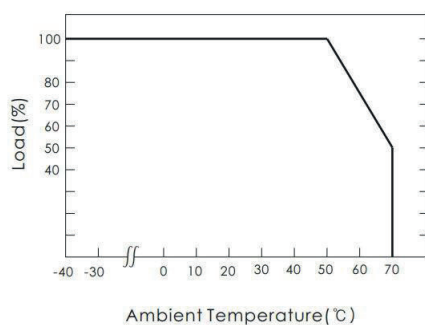
• BLOCK DIAGRAM:



• DIMENTIONS (unit: mm)



DERATING CURVE



STATIC CHARACTERISTICS

