

UP-W2LF 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
- EMC standards : EN55022,EN61204-3,EN61000-3-2,3
- 2 years warranty.

ITEM		UP300S12W2LF
INPUT	VOLTAGE RANGE	AC180~264V
	FREQUENCY RANGE	47~63Hz
	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 (m a x.) Note 2	1000mVp -p
	VOLTAGE TOLERANCE Note 3	±3%
	LINE REGULATION Note 4	±1%
	LOAD REGULATION Note 5	±2%
	SETUP, RISE TIME (m a x.)	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. & HUM ID.	-40~+70 (Refer to "DERATING CURVE"), 20~95%RH
	STORAGE TEMP. & HUM ID.	-40~+75, 10~95%RH
	VIBRATION	10~500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes
OTHERS	DIMENSION/WEIG HT	222*74*49mm(L*W*H)/1.45kg
NOTE	• All parameters not specially mentioned are measured at 220Vac input, rated load and 25 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 0.1uF & 47uF parallel capacitor.	

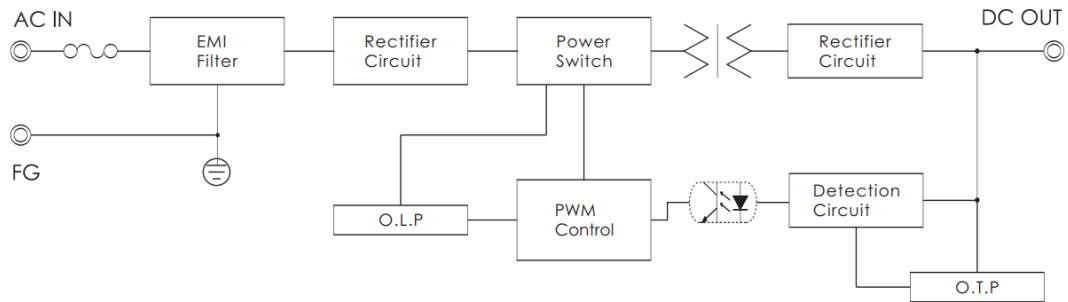
-wire terminated with



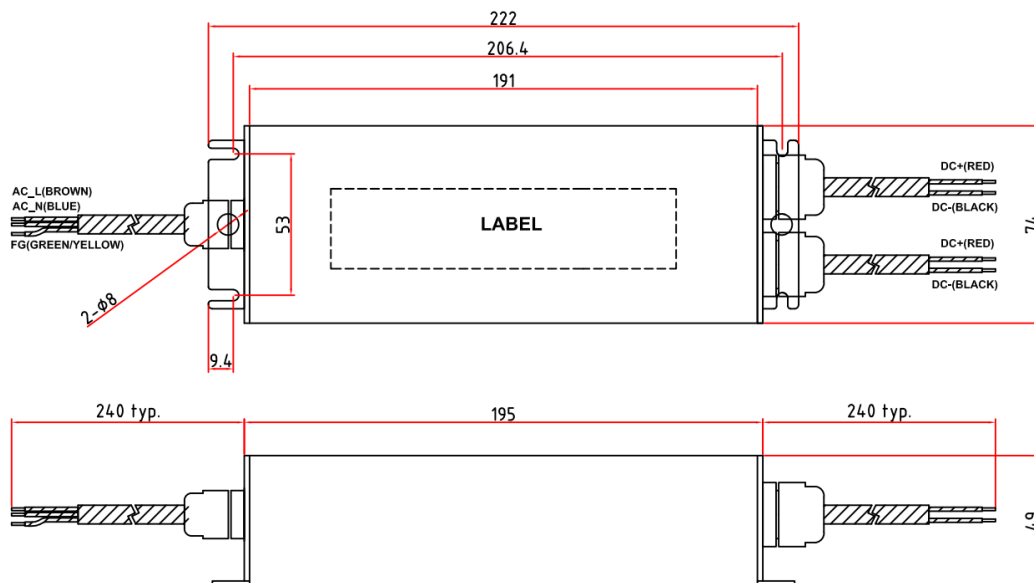
CE RoHS IP68 SELV



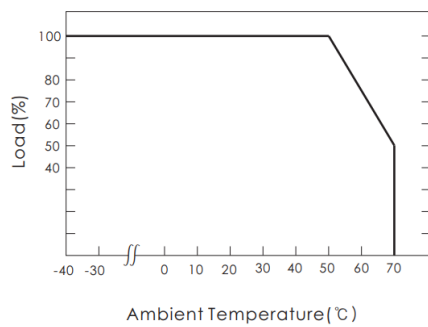
- BLOCK DIAGRAM:**



- DIMENTIONS (unit: mm)**



DERATING CURVE



STATIC CHARACTERISTICS

