

Characteristics

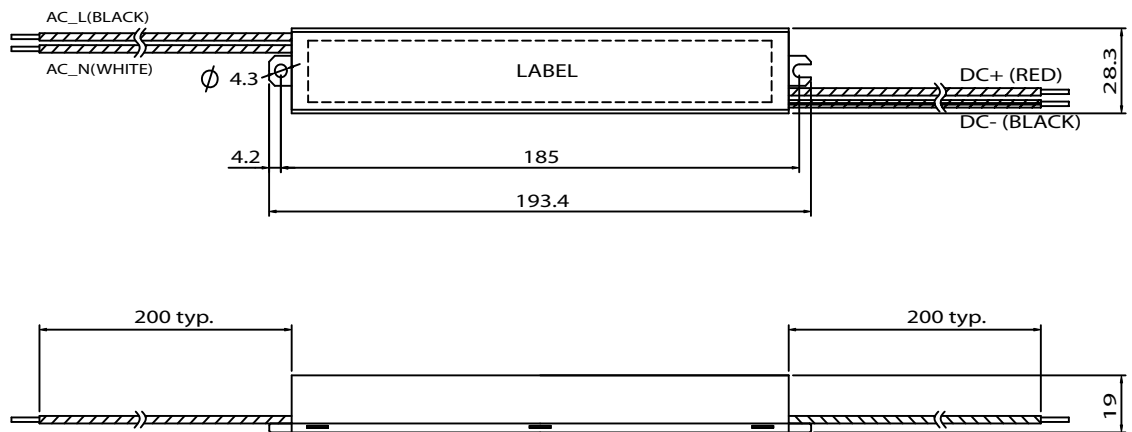
IP62	Constant Voltage MODE
DC12V	LPS
SELV	



- **Constant Voltage design(C.V. mode)**
- AC input automatic voltage selection : 100-240 V
- Protections:
 - Overload / Over voltage / Short circuit / Over temperature
- IP62 design for outdoor installations
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- Plastic case
- Safet standards :EN61347-1,EN61347-2-13/K61347-1,K61347-2-13
- EMC standards :EN61000-3-2,3,EN61204-3, K00015,K61547 K61000-4-2,3,4,5,6,11

Physical

■ Dimension: unit(mm)

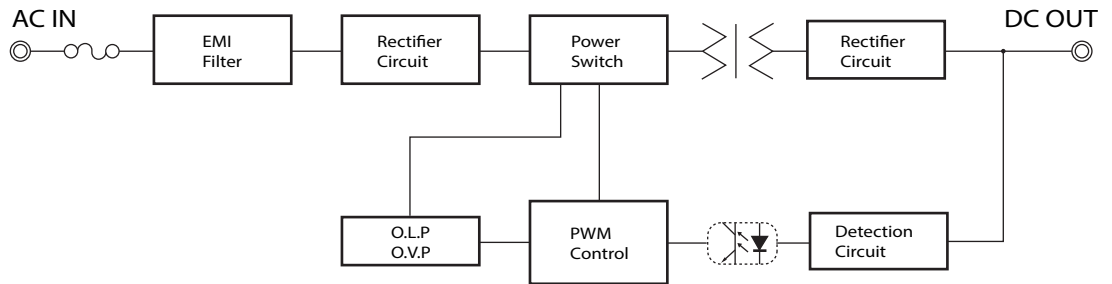


Dimension : 7" x 1-1/8" x 13/16" inch (LxWxH)
 Weight : 0.29 Lbs

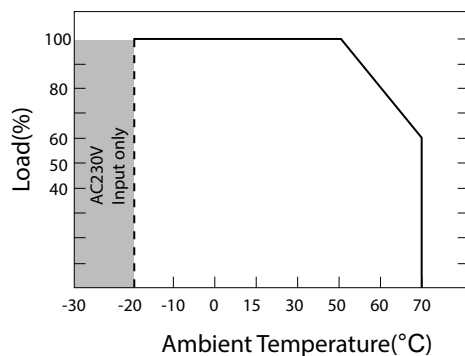
Other Characteristics

ITEM		UP30S12
INPUT	VOLTAGE RANGE	AC100-240V
	FREQUENCY RANGE	47~63Hz
	EFFICIENCY(typ.)	83%
	AC CURRENT(typ.)	0.47A/115VAC 0.27A/230VAC 0.65A
	INRUSH CURRENT(typ.)	COLD START 60A/230VAC
OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	2.5A
	RATED POWER	30W
	RIPPLE&NOISE(max.) Note2	170mVp-p
	VOLTAGE ADJ. RANGE	±5%
	VOLTAGE TOLERANCE Note4	±3%
	LINE REGULATION Note5	±1%
	LOAD REGULATION Note6	±2%
	SETUP, RISE TIME(max.)	3000ms, 100ms/115VAC at full load 3000ms, 100ms/230VAC at full load
	HOLD UP TIME(typ.)	15ms/115VAC at full load 50ms/230VAC at full load
PROTECTION	SHORT CIRCUIT	Hiccup mode ; recovers automatically after fault condition is removed
	OVERLOAD	Over 110% of rating : recovers automatically after fault condition is removed
	OVER VOLTAGE	115~140% of rating
ISOLATION	WITHSTAND VOLTAGE	I/P-O/P:AC3KV
	ISOLATION RESISTANCE	I/P-O/P:DC500V 100Mohms(At room temp. & humid.)
ENVIRONMENT	WORKING TEMP.&HUMID.	-30~+70°c(Refer to "DERATING CURVE"),20~95%RH
	STORAGE TEMP.&HUMID.	-40~+80°c,10~95%RH
	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min. Each along X, Y, Z axes
OTHERS	DIMENSION/WEIGHT	193.4*28.3*19mm(L*W*H)/0.14Kg
NOTE	1.All parameters not specially mentioned are measured at 220vac input, rarted load and 25 °c of ambient temperature. 2.Refer to "STATIC CHARACTERISTICS". 3.Ripple & noise are measured at 20MHZ of bandwidth by using a 12" twisted pare-wire terminated with 0.1 uF & 47uF parallel capacitor. 4.Tolerance : includes set up tolerance, line regulation and load regulation. 5.Line regulation is mesured from low line to high line at rated load. 6.Load regulation is measured from low 0% to 100% rated load.	

■ BLOCK DIAGRAM



■ DERATING CURVE



■ STATIC CHARACTERISTICS

