

# 24J Series

24W single output  
with constant voltage circuit



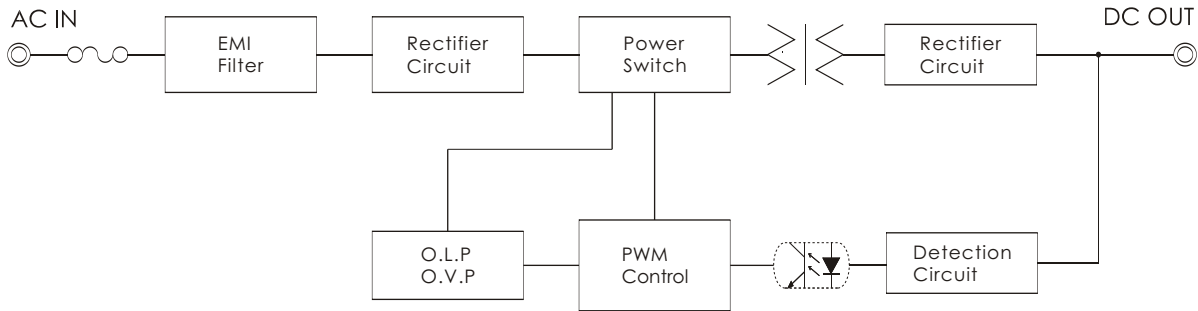
- Constant voltage design(C.V. mode)
- Wide input range
- Protections:  
Overload/Over voltage /Short circuit
- IP62 design for indoor installations
- 100% full load burn-in test
- Suitable for LED lighting and LED electrical display applications
- Plastic case
- Safety standards : J61347-1,J61347-2-13
- EMC standards : J55015
- 3years warranty

IP62 SELV LPS CB

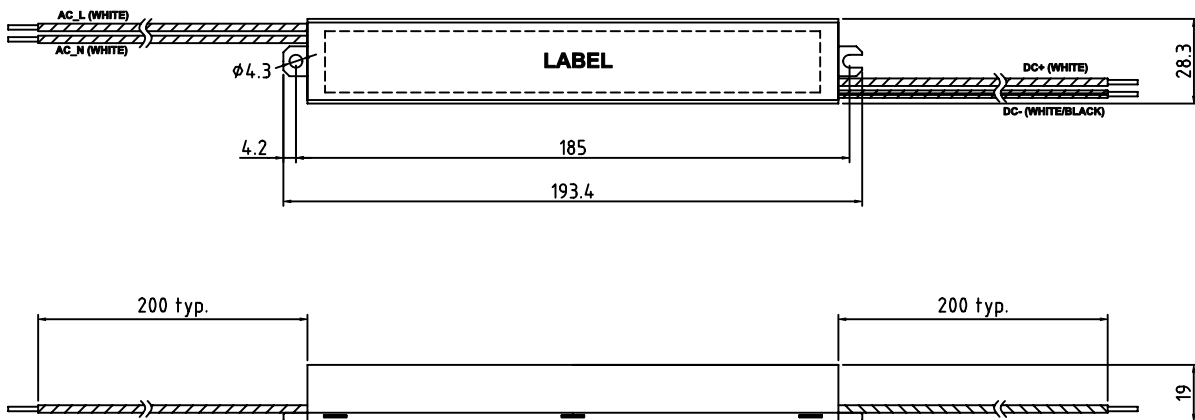
ITEM		UP24S12J	UP24S24J
INPUT	VOLTAGE RANGE <small>Note2</small>	AC90~264V	
	FREQUENCY RANGE	47~63Hz	
	EFFICIENCY(typ.)	82%	83%
	AC CURRENT(typ.)	0.39A/115VAC	0.23A/230VAC 0.5A
	INRUSH CURRENT(typ.)	COLD START 70A/230VAC	
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	2A	1A
	RATED POWER	24W	24W
	RIPPLE&NOISE(max.) <small>Note3</small>	170mVp-p	290mVp-p
	VOLTAGE ADJ. RANGE	±5%	±5%
	VOLTAGE TOLERANCE <small>Note4</small>	±3%	±3%
	LINE REGULATION <small>Note5</small>	±1%	±1%
	LOAD REGULATION <small>Note6</small>	±2%	±2%
	SETUP,RISE TIME(typ.)	900ms,20ms/115VAC at full load	800ms,20ms/230VAC at full load
HOLD UP TIME(typ.)	13ms/115VAC at full load	50ms/230VAC at full load	
PROTEC-TION	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	
ISOLA-TION	WITHSTAND VOLTAGE	I/P-O/P:AC3.75KV	
	ISOLATION RESISTANCE	I/P-O/P:DC500V 100Mohms(At room temp. & humid.)	
ENVIRON-MENT	WORKING TEMP.&HUMID.	-30~+70℃(Refer to "DERATING CURVE"),20~95%RH	
	STORAGE TEMP.&HUMID.	-40~+80℃,10~95%RH	
	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes	
OTHERS	DIMENSION	193.4*28.3*19mm(L*W*H)	
	WEIGHT	0.13Kg	

- NOTE**
1. All parameters not specially mentioned are measured at 220vac input, rared load and 25℃ 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 tolrance, line regulation and load regulation.
  5. Line regulation is measured from low line to high line at rated load.
  6. Load regulation is measured from low 0% to 100% rated load.

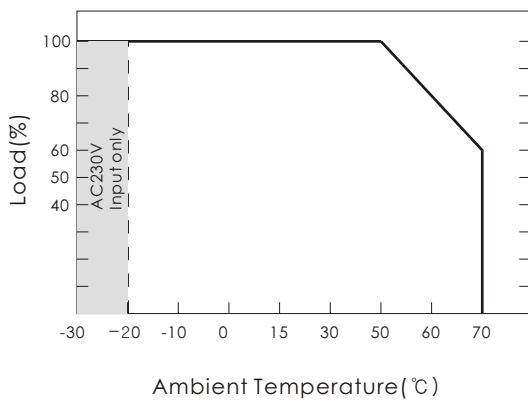
■ BLOCK DIAGRAM



■ DIMENSIONS(unit:mm)



■ DERATING CURVE



■ STATIC CHARACTERISTICS

