



Features:

- Universal AC input / Full range
- High efficiency 89%
- Fully isolated plastic case with terminal block style of I/O
- · Built-in constant current limiting circuit
- Adjustable output voltage and current level
- Protections:Short circuit/Over load/Over voltage/Over temperature
- Built-in active PFC function, comply with EN61000-3-2 class C (≥75% load)
- UL1310 class 2 power unit
- Pass LPS
- Cooling by free air convection
- 100% full load burn-in test
- · High reliability
- Suitable for LED lighting and moving sign applications (Note.2)
- · Compliance to worldwide safety regulations for lighting
- 2 years warranty

SPECIFICATION



CURRENT RANGE	12V 8.4 ~ 12V 5A	15V 10.5 ~15V	20V	24V	27V	36V	48V
CONSTANT CURRENT REGION Note.6 RATED CURRENT CURRENT RANGE	*** '						T 0 V
CURRENT RANGE	5A		14 ~ 20V	16.8 ~24V	18.9 ~27V	25.2 ~ 36V	33.6 ~ 48V
		4A	3A	2.5A	2.3A	1.7A	1.3A
	0 ~ 5A	0 ~ 4A	0 ~ 3A	0 ~ 2.5A	0 ~ 2.3A	0 ~ 1.7A	0 ~ 1.3A
RATED POWER	60W	60W	60W	60W	62.1W	61W	62.5W
RIPPLE & NOISE (max.) Note.2	2Vp-p	2.4Vp-p	1.8Vp-p	2.4Vp-p	2.7Vp-p	3.6Vp-p	4.6Vp-p
VOLTAGE ADJ. RANGE Note.5		14.5 ~ 16.2V	19.5 ~ 22V	24 ~ 26V	25 ~ 30V	32.5 ~ 39V	43.6 ~ 51.8V
CURRENT ADJ. RANGE Note.5		3 ~ 4.12A	2.25 ~ 3.09A	1.875 ~ 2.575A	1.725 ~ 2.369A	1.275 ~ 1.751A	0.975 ~ 1.339
VOLTAGE TOLERANCE Note.3	±10% ±3.0%						
LINE REGULATION							
LOAD REGULATION	±5.0%						
SETUP TIME							
VOLTAGE RANGE Note.4	90 ~ 264VAC 127 ~ 370VDC						
	47 ~ 63Hz						
	PF ≥ 0.9 at 75 ~ 100% load, 115VAC / 230VAC						
	85%	86%	87.5%	87%	88%	89%	89%
AC CURRENT					1		
INRUSH CURRENT(max.)	40A/230VAC						
LEAKAGE CURRENT	<0.75mA / 240VAC						
OVER CURRENT	2.7.1						
SHORT CIRCUIT	7						
onort oncon					31 ~ 35V	41 ~ 46V	54 ~ 60V
PROTECTION OVER VOLTAGE OVER TEMPERATURE							
-							
	· ·						
	1						
	1 -7						
	- · ·			load and 25°C of	ambient temperatur	ro	
Ripple & noise are measure Direct connecting to LEDs is 3. Tolerance: includes set up 4. Derating may be needed ur 5. Output voltage can be adjus 6. Constant current operation in reconfirm special electrical reconfirm.	ed at 20MHz of be not suggested tolerance, line reduced low input vosted through the region is within 7 requirements for	andwidth by usin for models with "I gulation and loac Itage. Please che SVR1 on the PC 0% ~100% rated some specific sys	g a 12" twisted pa RIPPLE & NOISE d regulation. eck the static chara B; limit of output output voltage. T stem design.	tir-wire terminated ">±10% and usin acteristics for more constant current lethis is the suitable of	with a 0.1uf & 47uf g additional drivers details. vel can be adjusted operation region for	parallel capacitor. is highly recommed through the SVR2 LED related applications.	2 on the PCB. cations, but pleas
	FREQUENCY RANGE FREQUENCY RANGE FREQUENCY RANGE FREQUENCY RANGE FREQUENCY RANGE FREQUENCY RANGE FREGUENCY (Typ.) AC CURRENT NRUSH CURRENT OVER CURRENT FOURT CIRCUIT OVER VOLTAGE OVER TEMPERATURE FOURT TO THE PROPERATURE FOURT TO THE PROPERATION FOR THE PROPERATION F	## FIGURE Note.4 90 ~ 264VAC	VOLTAGE RANGE Note.4 90 ~ 264VAC 127 ~ 370VDC	### VOLTAGE RANGE Note.4 90 ~ 264VAC 127 ~ 370VDC ### FREQUENCY RANGE 47 ~ 63Hz ### FICIENCY (Typ.) 85% 86% 87.5% ### AC CURRENT 0.8A/115VAC 0.4A/230VAC ### AVA/230VAC ### AVA/230VAC	VOLTAGE RANGE	VOLTAGE RANGE	VOLTAGE RANGE



