







Features:

- AC input active surge current limiting
- · AC input range selected by switch
- Protections:Short circuit / Overload / Over voltage / Over temperature
- · Forced air cooling by built-in DC fan
- High power density 4.9w/in³
- Built-in remote sense function
- UL approved
- · Low cost
- 2 years warranty









SPECIFICATION

C VOLTAGE CATED CURRENT CURRENT RANGE CATED POWER CIPPLE & NOISE (max.) Note.2 COLTAGE ADJ. RANGE COLTAGE TOLERANCE Note.3 INE REGULATION CAD REGULATION ETUP, RISE TIME	4.75 ~ 5.5V	SE-600-12 12V 50A 0 ~ 50A 600W 150mVp-p 10 ~ 13.5V ±1.0%	SE-600-15 15V 40A 0 ~ 40A 600W 150mVp-p 13.5 ~ 16.5V	24V 25A 0 ~ 25A 600W 150mVp-p	SE-600-27 27V 22.2A 0 ~ 22.2A 599.4W 150mVp-p	SE-600-36 36V 16.6A 0 ~ 16.6A 597.6W	SE-600-48 48V 12.5A 0~12.5A 600W
ATED CURRENT CURRENT RANGE CATED POWER CUPPLE & NOISE (max.) Note.2 COLTAGE ADJ. RANGE COLTAGE TOLERANCE Note.3 INE REGULATION CAD REGULATION	100A 0~100A 500W 150mVp-p 4.75~5.5V ±2.0% ±0.5%	50A 0 ~ 50A 600W 150mVp-p 10 ~ 13.5V ±1.0%	40A 0 ~ 40A 600W 150mVp-p	25A 0 ~ 25A 600W 150mVp-p	22.2A 0 ~ 22.2A 599.4W	16.6A 0 ~ 16.6A	12.5A 0 ~ 12.5A
URRENT RANGE ATED POWER IPPLE & NOISE (max.) Note.2 OLTAGE ADJ. RANGE OLTAGE TOLERANCE Note.3 INE REGULATION OAD REGULATION	0~100A 500W 150mVp-p 4.75~5.5V ±2.0% ±0.5%	0 ~ 50A 600W 150mVp-p 10 ~ 13.5V ±1.0%	0 ~ 40A 600W 150mVp-p	0 ~ 25A 600W 150mVp-p	0 ~ 22.2A 599.4W	0 ~ 16.6A	0 ~ 12.5A
ATED POWER IPPLE & NOISE (max.) Note.2 OLTAGE ADJ. RANGE OLTAGE TOLERANCE Note.3 INE REGULATION OAD REGULATION	500W 150mVp-p 4.75 ~ 5.5V ±2.0% ±0.5%	600W 150mVp-p 10 ~ 13.5V ±1.0%	600W 150mVp-p	600W 150mVp-p	599.4W		
IPPLE & NOISE (max.) Note.2 OLTAGE ADJ. RANGE OLTAGE TOLERANCE Note.3 INE REGULATION OAD REGULATION	150mVp-p 4.75 ~ 5.5V ±2.0% ±0.5%	150mVp-p 10 ~ 13.5V ±1.0%	150mVp-p	150mVp-p		597.6W	600///
OLTAGE ADJ. RANGE OLTAGE TOLERANCE Note.3 INE REGULATION OAD REGULATION	4.75 ~ 5.5V ±2.0% ±0.5%	10 ~ 13.5V ±1.0%	<u>' ' '</u>		150mVp-p		00000
OLTAGE TOLERANCE Note.3 INE REGULATION OAD REGULATION	±2.0% ±0.5%	±1.0%	13.5 ~ 16.5V			200mVp-p	200mVp-p
INE REGULATION OAD REGULATION	±0.5%			22 ~ 26.4V	24 ~ 30V	32 ~ 40V	43 ~ 56V
OAD REGULATION		1.0. =01	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	+2.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
ETUP. RISE TIME	±2.070	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	1000ms, 50ms/2	30VAC 1000	ms, 50ms/115VAC	at full load	·	·	
OLD UP TIME (Typ.)	20ms/230VAC 16ms/115VAC at full load						
OLTAGE RANGE	90 ~ 132VAC / 180 ~ 264VAC selected by switch 254 ~ 370VDC						
REQUENCY RANGE	47 ~ 63Hz						
FFICIENCY (Typ.)	78%	83%	84%	87%	87%	87%	88%
C CURRENT (Typ.)	12A/115VAC 7.5A/230VAC						
NRUSH CURRENT (Typ.)	30A/115VAC	60A/230VAC					
EAKAGE CURRENT	<2.0mA/240VAC						
OVERLOAD	105 ~ 125% rated output power						
	Protection type :	Shut down o/p vo	Itage, re-power on	to recover			
PROTECTION OVER VOLTAGE	5.75 ~ 6.3V	13.8 ~ 16.2V	18 ~ 21V	27.6 ~ 32.4V	31 ~ 36.5V	42 ~ 50V	57.6 ~ 67.2V
	Protection type : Shut down o/p voltage, re-power on to recover						
OVER TEMPERATURE	85°C ±5°C (TSW1) detect on heatsink of power transistor						
	Protection type: Shut down o/p voltage, recovers automatically after temperature goes down						
VORKING TEMP.	-20 ~ +60°C (Refer to output load derating curve)						
VORKING HUMIDITY	20 ~ 90% RH non-condensing						
TORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH						
EMP. COEFFICIENT	±0.05%/°C (0 ~ 50°C)						
IBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes						
AFETY STANDARDS	UL60950-1,UL62368-1, EAC TP TC 004, BSMI CNS14336-1, KC K60950-1(for 12V,24V only) approved						
VITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC						
SOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC						
ITBF	197K hrs min. MIL-HDBK-217F (25°C)						
IMENSION	247*127*63.5mm (L*W*H)						
ACKING	2.1Kg; 6pcs/13.4	Kg/1,03CUFT					
R FIFE CONFIDENCE OF THE CONFI	EQUENCY RANGE FICIENCY (Typ.) CURRENT (Typ.) RUSH CURRENT (Typ.) AKAGE CURRENT ERLOAD ER VOLTAGE ER TEMPERATURE ORKING TEMP. ORKING HUMIDITY MP. COEFFICIENT BRATION FETY STANDARDS THSTAND VOLTAGE DLATION RESISTANCE BF MENSION CKING	EQUENCY RANGE 47 ~ 63Hz 78% CURRENT (Typ.) 12A/115VAC RUSH CURRENT (Typ.) 30A/115VAC AKAGE CURRENT 400 40VAC ERLOAD 105 ~ 125% rate Protection type: 5.75 ~ 6.3V Protection type: 85°C±5°C (TSW Protection type: 20 ~ +60°C (Re RKING TEMP20 ~ +60°C (Re RKING HUMIDITY 40 ~ +85°C, 10 MP. COEFFICIENT ±0.05%/°C (0 ~ 5 RATION 10 ~ 500Hz, 2G FETY STANDARDS UL60950-1, UL60 FINANTIAND VOLTAGE I/P-O/P.3KVAC PACHICAL TO THE	EQUENCY RANGE FICIENCY (Typ.) CURRENT (Typ.) 12A/115VAC 7.5A/230VAC 30A/115VAC 60A/230VAC 42,0mA / 240VAC ERLOAD ER VOLTAGE ER TEMPERATURE Protection type: Shut down o/p vol 5.75 ~ 6.3V Protection type: Shut down o/p vol 85°C±5°C (TSW1) detect on heats Protection type: Shut down o/p vol 85°C±5°C (Refer to output load of the color of the	EQUENCY RANGE 47 ~ 63Hz 78% 83% 84% CURRENT (Typ.) 12A/115VAC 7.5A/230VAC 30A/115VAC 60A/230VAC 42.0mA / 240VAC ERLOAD 105 ~ 125% rated output power Protection type: Shut down o/p voltage, re-power on Protection type: Shut down o/p voltage, re-power on Protection type: Shut down o/p voltage, re-power on 85°C±5°C (TSW1) detect on heatsink of power transis Protection type: Shut down o/p voltage, recovers auto Protection type: Shut down o/p voltage, re-power on Protection type: Shut down o/p	EQUENCY RANGE 47 ~ 63Hz 78% 83% 84% 87% CURRENT (Typ.) 12A/115VAC 7.5A/230VAC 30A/115VAC 60A/230VAC AKAGE CURRENT 105 ~ 125% rated output power Protection type: Shut down o/p voltage, re-power on to recover 5.75 ~ 6.3V 13.8 ~ 16.2V 18 ~ 21V 27.6 ~ 32.4V Protection type: Shut down o/p voltage, re-power on to recover 85℃±5℃ (TSW1) detect on heatsink of power transistor Protection type: Shut down o/p voltage, recovers automatically after ten PRKING TEMP. 20 ~ +60℃ (Refer to output load derating curve) PRAGE TEMP, HUMIDITY 20 ~ 90% RH non-condensing PAGAGE TEMP, HUMIDITY 40 ~ +85℃, 10 ~ 95% RH MP. COEFFICIENT ±0.05%/℃ (0 ~ 50℃) BRATION 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes FETY STANDARDS UL60950-1,UL62368-1, EAC TP TC 004, BSMI CNS14336-1, KC K6095 THSTAND VOLTAGE I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC DLATION RESISTANCE I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC BF 197K hrs min. MIL-HDBK-217F (25℃) MENSION 247*127*63.5mm (L*W*H) CKING	### EQUENCY RANGE 47 ~ 63Hz	### EQUENCY RANGE 47 ~ 63Hz 83% 84% 87%

NOTE

- 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance: includes set up tolerance, line regulation and load regulation.
- 4. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).

 5. This power supply does not meet the harmonic current requirements outlined by EN61000-3-2. Please do not use this power supply
- under the following conditions:
- a) the end-devices is used within the European Union, and
- b) the end-devices is connected to public mains supply with 220Vac or greater rated nominal voltage, and
- c) the power supply is:
- installed in end-devices with average or continuous input power greater than 75W, or belong to part of a lighting system
- Exception:

Power supplies used within the following end-devices do not need to fulfill EN61000-3-2

- a) professional equipment with a total rated input power greater than 1000W;
- b) symmetrically controlled heating elements with a rated power less than or equal to 200W





