



Features:

- AC input 180~260VAC only
- PF> 0.98@ 230VAC
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Built in remote sense function
- Built-in remote ON-OFF control
- Built-in power good signal output
- Built-in parallel operation function(N+1)
- Can adjust from 20~100% output voltage by external control 1-5V
- Forced air cooling by built-in DC fan
- 3 years warranty

SPECIFICATION

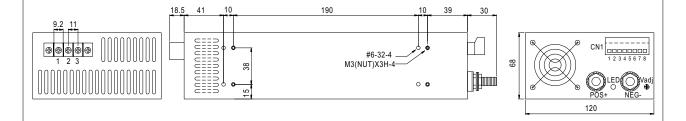
Parallel CBCE							
	SCP-800-24	SCP-800-36	SCP-800-48	SCP-800-60			
	0006 B034	oune buse	0006 D040	onne pnen			

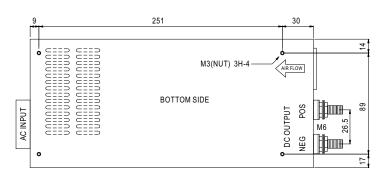
ORDER NO	<u>. </u>	SCP-800-09	SCP-800-12	SCP-800-15	SCP-800-18	SCP-800-24	SCP-800-36	SCP-800-48	SCP-800-60
	SAFETY MODEL NO.	800S-P009	800S-P012	800S-P015	800S-P018	800S-P024	800S-P036	800S-P048	800S-P060
	DC VOLTAGE	9V	12V	15V	18V	24V	36V	48V	60V
	RATED CURRENT	88A	66A	53A	44.4A	33A	22.2A	16A	13A
	CURRENT RANGE	0 ~ 88A	0 ~ 66A	0 ~ 53A	0 ~ 44.4A	0 ~ 33A	0 ~ 22.2A	0 ~ 16A	0 ~ 13A
	RATED POWER	792W	792W	795W	799W	792W	799W	768W	780W
OUTPUT	RIPPLE & NOISE (max.) Note.2	90mVp-p	120mVp-p	150mVp-p	180mVp-p	240mVp-p	360mVp-p	480mVp-p	500mVp-p
	VOLTAGE ADJ. RANGE	±3.0% Typical adjustment by potentiometer 20% ~ 100% adjustment by 1 ~ 5VDC external control							
	VOLTAGE TOLERANCE Note.3	• • • • • • • • • • • • • • • • • • • •	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LOAD REGULATION	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
					1=0.074	1=0.07	1=0.074	1=1111	1-01070
	VOLTAGE RANGE	800ms, 400ms, 12ms at full load 180 ~ 260VAC 260 ~ 370VDC see the derating curve							
	FREQUENCY RANGE		200~37000	C see the derail	ig curve				
	POWER FACTOR	47 ~ 63Hz >0.98 / 230VAC							
				050/	000/	000/	000/	000/	1000/
INPUT	EFFICIENCY (Typ.)	83%	84%	85%	86%	88%	88%	89%	90%
	AC CURRENT	5.0A / 230VAC							
	INRUSH CURRENT (max.)	60A / 230VAC							
	LEAKAGE CURRENT(max.)	3.5mA / 240VA							
	OVERLOAD Note.4		d output power						
		Protection type : Current limiting, delay shut down o/p voltage, re-power on to recover							
PROTECTION	OVER VOLTAGE	110 ~ 135% Follow to output set up point							
FRUILCIION	OVER VOLIAGE	Protection type: Shut down o/p voltage, re-power on to recover							
	OVER TEMPERATURE	>100°C / measure by heat sink, near transformer							
	OVERTEWIFERATURE	Protection type: Shut down o/p voltage, recovers automatically after temperature goes down							
	WORKING TEMP.	-20 ~ +65°C (Refer to output load derating curve)							
	WORKING HUMIDITY	20 ~ 90% RH n	on-condensing						
ENVIRONMENT	STORAGE TEMP., HUMIDITY	-20 ~ +85°C 10 ~ 95% RH							
	TEMP. COEFFICIENT	±0.04% / °C (0	~50°C)						
	VIBRATION	10 ~ 200Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes							
	SAFETY STANDARDS	UL60950, TUV EN60950-1 approved							
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC							
SAFETY &	ISOLATION RESISTANCE			Ohms / 500VDC					
EMC	EMI CONDUCTION & RADIATION		EN55022 (CISP		20 0/ / 0/0 / 1.11				
(Note. 5)	HARMONIC CURRENT	· ·	,	rtzz) olado rt					
	EMS IMMUNITY	Compliance to EN61000-3-2,3 Compliance to EN61000-4-2,3,4,5,6,8,11, light industry level, criteria A							
	POWER GOOD SIGNAL	-	of NPN transist		industry level, c	nieria A			
	SPECIAL FUNCTION	-			l parallal aparai	ion/rofor to cont	rol torminal instru	uotion manual)	
		DC Voltage Adj., remote sensing, remote control, parallel operation(refer to control terminal instruction manual)							
OTHERS	COOLING	By fan, >20% load or >50°C fan on							
	MTBF	74.9K hrs min. MIL-HDBK-217F(25℃)							
	DIMENSION	290*120*68mn	, ,						
	PACKING		22kg / CARTON						
NOTE	 All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. Tolerance: includes set up tolerance, line regulation and load regulation. Current limiting 3 times(1.5s,3.0s,5.0s)Then intelligent auto recovery before shut down The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still mee EMC directives. 						it still meets		



■ Mechanical Specification

Unit:mm





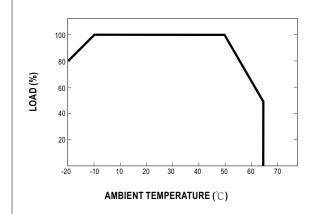
Terminal Pin No. Assignment

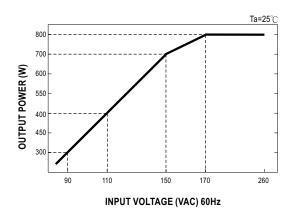
Pin No.	Assignment
1	AC/L
2	AC/N
3	FG ±

Control terminal Pin No. Assignment (CN1): Dinkle 51HDBC-O8P or equivalent

Pin No.	Assignment	Pin No.	Assignment	Mating With
1	VS+	5	PG	
2	VS-	6	PAR	Dinkle 51SDB-08P
3	VCI	7	GND	or equivalent
4	VCO	8	INH	

■ Derating Curve





File Name: SCP-800-SPEC 2008-05-06



