	SCS4x Series Specification									
	Rev 8 9/1/99		Model							
			SCS40-3	SCS40-5	SCS40-12	SCS40-15	SCS40-24	SCS40-28	SCS40-48	
	Specification		V1	V1	V1	V1	V1	V1	V1	
1	Nominal Output Voltage	V	3.3	5	12	15	24	28	48	
2	Minimum Output Current	A	0	0	0	0	0	0	0	
3	Maximum Output Current convection cooled	A	8	8	3.3	2.6	1.6	1.4	0.9	
4	Maximum Output Current forced air cooled (300LFM)	A	11	11	4.5	3.6	2.3	2	1.2	
5	Maximum Peak Current (1)	A	12	12	5	4	2.5	2.2	1.3	
6	Maximum Output Power convection cooled	W	26.4	40	39.6	39	38.4	39.2	43.2	
7	Maximum Output Power forced air cooled (30 CFM)	W	36.3	55	54	54	55.2	56	57.6	
8	Input Voltage Range	V	85-265VAC, 47-63Hz							
9	Efficiency (2) (Typical)	%	70%							
10	Inrush current -Typical (3)	A	36							
11	Adjustment Range	V	-5 ~ +10%							
12	Maximum Ripple & Noise (4)	mV	1% peak to peak							
13	Maximum Load regulation	mV								
14	Maximum Line regulation	mV								
15	Total Regulation	%	+/-2	+/-2	+/-2	+/-2	+/-2	+/-2	+/-2	
16	Temperature Co-efficient	%	Typically +/-0.02%							Rev 8
17	Transient response		To be determined							
18	Overcurrent Protection (5)		Short circuit protection							
19	Overvoltage Protection (6)		115-135%							
20	Hold up time - typical (7)	ms	20							
21	Operating Temperature (8)	C	0 ~ 50C							
22	Operating Humidity		5 ~ 95% non condensing							
23	Storage Temperature	C	-20 ~ 85C							
24	EMI		FCC Class B Conducted, EN55022 class B							
25	Output - Ground isolation		500VDC							
26	Vibration		10 - 55Hz Amplitude (sweep 1 min) Less than 2G X, Y, Z 1 hour ea							
27	Shock		<20G							
28	Safety		UL1950, CSA 22.2 #950, EN60950, CE mark							
29	Other		IEC801-2~6 level 3							
30	Size		127 x 76.2 x 25.4 (Max component height) component leads cropped 3mm max							
31	Terminals		Molex 09-50-80xx input & output							
32	Options									
	Remote sense (2 pin Molex)		Add "/R" to model number. Compensates for up to 0.25V per lead							
1	Notes:									
2	Peak current lasting <30 seconds with 10% max duty cycle. Average power not to exceed rated maximum.									
3	At 100VAC or 200VAC input and maximum output power									
4	At 230VAC input cold start at 25C									
5	Measured across 10uF electrolytic in parallel with 0.1uF ceramic on load cables 150mm from terminals of power supply									
6	Avoid prolonged operation in overload									
7	Cycle input to reset									
	40W load at 115VAC nominal line									