

SCD60xxxx Series Specification			Model	
Rev 1 4/15/99			Model	
			SCD601212	SCD601515
Specification			V1/V2	V1/V2
1	Nominal Output Voltage	V	+12/-12	+15/-15
2	Minimum Output Current (8)	A	0.2/0.2	0.2/0.2
3	Maximum Output Current convection cooled	A	2.75/2.25	2.2/1.8
4	Maximum Output Current forced air cooled (300LFM)	A	3.7/3.0	2.9/2.4
5	Maximum Peak Current (1)	A	N/A	N/A
6	Maximum Output Power convection cooled	W	60	60
7	Maximum Output Power forced air cooled (30 CFM 300LFM)	W	80	80
8	Input Voltage Range	V	85-265VAC, 47-63Hz	
9	Efficiency (2)	%	70% Typical	
10	Inrush current -Typical (3)	A	36	
11	Adjustment Range	V	-5 ~ +10%, output 1 only	
12	Maximum Ripple & Noise (4)	mV	1% peak to peak	
13	Regulation Load / Line	%	+2/±5	+2/±5
14	Cross Regulation	%	+/-2% on output 1, +/-5% on output 2	
15	Transient response		To be determined	
16	Overcurrent Protection (5)		Short circuit protection	
17	Overvoltage Protection (6)		115-135% on channel 1 only	
18	Hold up time - typical (7)	ms	20	
19	Operating Temperature	C	0 ~ 50C	
20	Operating Humidity		5 ~ 95% non condensing	
21	Storage Temperature	C	-20 ~ 85C	
22	EMI		FCC Class B Conducted, EN55022 class B	
23	Output - Ground isolation		500VDC	
24	Vibration		10 - 55Hz Amplitude (sweep 1 min) Less than 2G X, Y, Z 1 hour ea	
25	Shock		<20G	
26	Safety		UL1950, CSA 22.2 #950, EN60950, CE mark	
27	Other		IEC801-2~6 level 3	
28	Size		127 x 76.2 x 34 (Max component height) component leads cropped 3mm	
29	Terminals		Molex 09-50-80xx input & output	
Notes:				
1	Peak current lasting <30 seconds with 10% max duty cycle. Average power not to exceed rated maximum. Output voltage may exceed regulation limits			
2	At 100VAC or 200VAC input and maximum output power			
3	At 230VAC input cold start at 25C			
4	Measured across 10uF electrolytic in parallel with 0.1uF ceramic on load cables 150mm from terminals of power supply			
5	Avoid prolonged operation in overload			
6	Self Resetting			
7	60W load at 115VAC nominal line			

LAMBDA SC Series