

Date : Sep.1,1999

Temperature increase of main components: 主要部品温度上昇

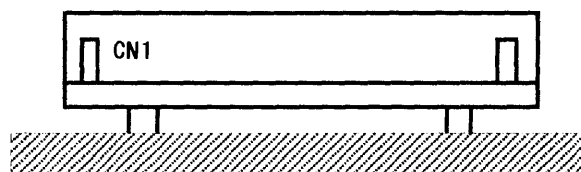
Model : LCA30S

## 1. Conditions

- (1) Input : AC 85 ~ 132 [V]  
 (2) Output : Rated output  
 (3) Mounting method : Shown as Fig.1.1

## 2. Result

No.	Parts name	Symbol No.	Increase ( $\Delta T$ )						Rated temp. [°C]	Reference
			[deg]							
			5V	12V	15V	24V				
1	Line Filter	L11	56	55	52	52			120	
2	Rectifier(Input)	SS11	60	58	59	58			150	Junction Temp.
3	Input Capacitor	C12	27	26	24	20			105	
4	Switching Transistor	TR12	50	41	42	43			150	Junction Temp.
5	Transformer	T11	40	42	38	41			120	
6	Rectified Diode(Output)	SS51	73	56	50	45			150	Junction Temp.
7	Output Capacitor	C52	36	18	15	16			105	
8	Output Capacitor	C53	34	17	13	-			105	
9	Output Capacitor	C54	26	-	-	-			105	
10	Output Capacitor	C55	28	-	-	-			105	
11										
12										
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20										



(Side view)

Fig.1.1 Mounting method  
(Normal position)