

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

Model : LHA100F

1. Conditions

- (1) Input : AC 85 ~ 264 [V]
- (2) Output : Rated output *Derating is required at AC85~90[V] input.
- (3) Mounting method : Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.							Rated temp. [°C]	Reference
			5V	12V	15V	24V	36V	48V		
1	Line filter	L101	41	53	56	50	51	51	130	
2	Rectifier (Input)	SS101	71	78	79	79	80	76	150	Junction Temp.
3	Choke coil (PFC)	L104	47	54	53	53	53	50	130	
4	Rectified diode (PFC)	D101	57	63	57	58	58	58	150	Junction Temp.
5	Switching transistor (PFC)	TR101	57	59	59	61	58	55	150	Junction Temp.
6	Switching transistor	TR201	62	58	58	59	59	54	150	Junction Temp.
7	Capacitor (Input)	C124	35	34	29	29	30	32	105	
8	Transformer	T201	64	53	49	49	51	49	130	
9	Transistor (Output)	TR501	78	57	38	-	-	-	150	Junction Temp.
10	Rectifying Diode (Output)	SS501	-	-	-	53	54	52	150	Junction Temp.
11	Choke coil (Output)	L501	64	57	34	41	34	28	130	
12	Capacitor (Output)	C525	47	39	22	18	17	16	105	
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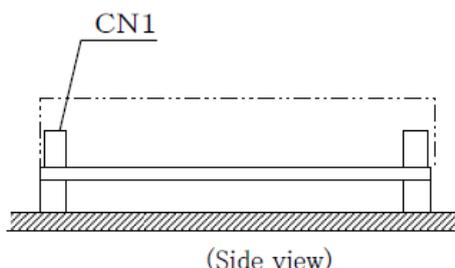


Fig.1.1 Mounting method (Normal position)

*All information presented herein are not guaranteed.
 *本資料は参考資料であり、その内容を保証するものではありません。