

Date : Mar.15,2000

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

Model : LEB100F

1. Conditions

- (1) Input : AC 85~264V
- (2) Output : 85W (LEB100F-0512), 100W (LEB100F-0524)
- (3) Mounting method : Shown as Fig.1.1

2. Result

No.	Parts name	Symbo l No.	Increase (ΔT)						Rated temp. [°C]	Reference
			[deg]							
			0512	0524						
1	Input Diode	SS101	62	69					150	Junction Temp.
2	Line Filter	L102	34	42					120	
3	Choke Coil(Pfc)	L103	51	54					120	
4	Transistor(Pfc)	TR105	50	57					150	Junction Temp.
5	Rectified Diode(Pfc)	D102	51	55					150	Junction Temp.
6	Input Capacitor	C119	34	34					105	
7	Switching Transistor (V2)	TR201	54	59					150	Junction Temp.
8	Switching Transistor (V1)	TR301	62	62					150	Junction Temp.
9	Transformer(V2)	T201	54	50					130	
10	Transformer(V1)	T301	56	56					130	
11	Rectified Diode(V2 Output)	SS501	69	59					150	Junction Temp.
12	Rectified Diode(V1 Output)	SS601	76	76					150	Junction Temp.
13	Output Choke (V2)	L507	64	58					130	
14	Output Capacitor (V2)	C507	39	36					105	
15	Output Capacitor (V1)	C606	39	39					105	
16	Output Capacitor (V1)	C608	37	34					105	
17										
18										
19										
20										



(Side view)

Fig.1.1 Mounting method
(Normal position)