

Date : Feb.18,2004

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

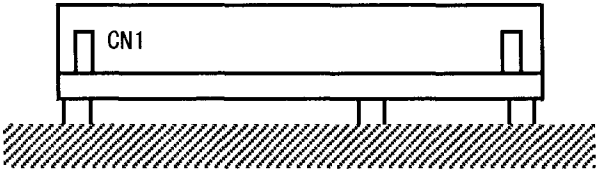
Model : LEB225F

1. Conditions

- (1) Input : AC 85~264V
- (2) Output : 145W (LEB225F-0512), 225W (LEB225F-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	43	66					150	Junction Temp.
2	Line Filter	L102	33	57					120	
3	Choke Coil (Pfc)	L103	52	67					120	
4	Transistor (Pfc)	TR108	59	61					150	Junction Temp.
5	Rectified Diode (Pfc)	SS102	62	66					150	Junction Temp.
6	Input Capacitor	C119	35	31					105	
7	Switching Transistor (V2)	TR201	58	77					150	Junction Temp.
8	Switching Transistor (V1)	TR301	66	66					150	Junction Temp.
9	Transformer (V2)	T201	54	63					130	
10	Transformer (V1)	T301	47	46					130	
11	Rectified Diode (V2 Output)	SS501	82	81					150	Junction Temp.
12	Rectified Diode (V1 Output)	SS601	65	61					150	Junction Temp.
13	Output Choke (V1)	L507	58	69					130	
14	Output Capacitor (V2)	C507	38	40					105	
15	Output Capacitor (V1)	C606	47	49					105	
16	Output Capacitor (V1)	C608	36	27					105	
17										
18										
19										
20										



(Side view)

Fig.1.1 Mounting method
(Normal position)