

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

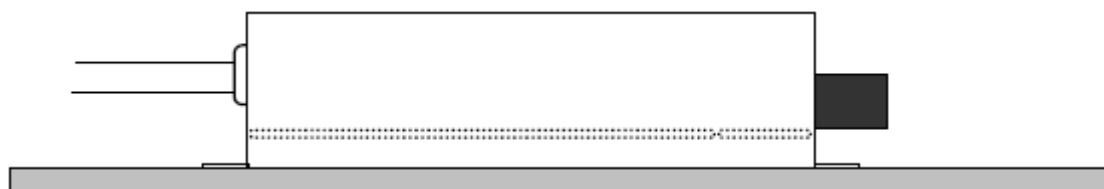
Model: SPLFA100F

## 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.	Increase ( $\Delta T$ )						Rated temp. [°C]	Reference
			[deg]							
			12V	24V						
1	Line Filter	L101	69	65					130	
2	Rectifier(Input)	SS101	81	73					150	Junction temp.
3	Choke Coil(PFC)	L104	59	69					130	
4	Input Capacitor	C127	45	44					105	
5	Switching Transistor(PFC)	TR101	77	76					150	Junction temp.
6	Transistor	TR201	75	44					150	Junction temp.
7	Transformer	T201	61	53					130	
8	Rectified Diode(Output)	SS501	79	59					150	Junction temp.
9	Rectified Diode(Output)	SS502	84	62					150	Junction temp.
10	Output Choke	L507	68	54					130	
11	Output Capacitor	C513	39	35					105	
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20										



(Side view)

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。