

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

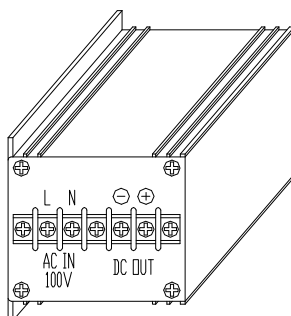
Model: G1

## 1. Conditions

- (1) Input :AC 90 ~ 110 [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	Rectifier(Main-Input)	SS1	50	52	42	33			150	Junction Temp.
2	Rectifier(Sub-Input)	SS21	32	32	28	25			150	Junction Temp.
3	Transformer	T1	41	42	33	32			120	
4	Input Capacitor(Main)	C2	31	31	26	23			105	
5	Input Capacitor(Sub)	C21	33	34	29	26			105	
6	Fet(Main)	TR1	55	63	53	47			150	Junction Temp.
7	Transistor(Sub)	TR21	36	37	32	29			150	Junction Temp.
8	Voltage Regulator	IC21	35	36	30	27			150	Junction Temp.
9	Power Control Ic	IC22	49	50	45	42			150	Junction Temp.
10	Output Capacitor	C5	28	29	24	20			105	
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Fig.1.1 Mounting method  
(Normal position)

\*All information presented herein are not guaranteed.

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