

*TA(TRAVEL ADAPTOR)



[제품의 전기적 특성]

1) Rating

- ① Rated Input Voltage : AC100 ~ 240V
- ② Input Voltage Range : AC 85 ~ 265V
- ③ Rated Input Frequency : 50/60Hz
- ④ Input Current : 150mA(Under The rated input & Critical current load)
- ⑤ Inrush Current : 20APEAK(Measure The current on the critical point)
- ⑥ Efficiency : 65% Min(Under the rated input & load 600mA)

2) Environmental Condition

- ① Operating Temperature & Humidity : 0~50℃, 0~95%RH
- ② Storage Temperature & Humidity : -20~85℃, 0~95%RH

3) Electrical Condition

No.	ITEM	Unit	Spec.	Note
1	Rated voltage	V	9	
2	Rated current	mA	600	
3	Rated power	W	5.4	
4	V_{out} (DC) tolerance	V	8.55~9.45	measure in normal condition
5	No load V_{out} Max	V	9.45	
6	I_{crit} tolerance	mA	550~650	drop in 90% below of the rated voltage
7	Accuracy constant voltage regulation	Input	%	$\pm 5\%$ Max
8		Temt		
9	Accuracy constant voltage regulation	Input	mA	measure $\Delta V_{input} / \Delta I_{crit}$
10		Temt		
11	Ripple & noise	mVp-p	100 Max	measure at 530~640 mA

※ Explanation of vocabulary

1. Critical current Current value when output voltage drops in 90% below of the rated voltage.
2. Measuring critical current shall be used by resistor load.
When you measure critical current by electronic load, set CR mode
3. Measuring accuracy constant voltage regulation and ripple, noise shall be measured at critical current point when critical current is 600mA below.

4) Characteristics of Output voltage & current

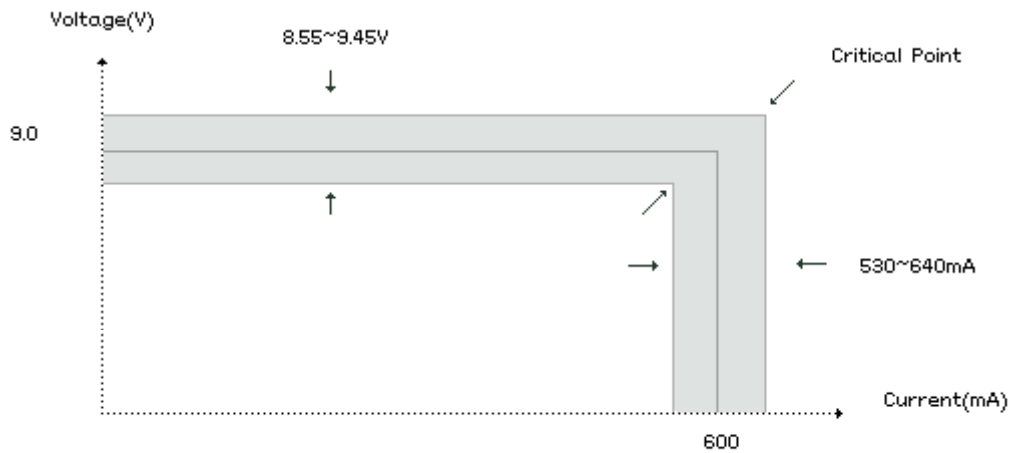


Figure 1. Voltage vs. Current

5) Insulation resistance

8M Ω Min(\pm 20%),

between input terminal and output terminal by Insulation tester

6) Safety Requirement

- ① Dielectric withstanding voltage There shall be no electrical damage or insulation breakdown at AC3000V during 1minute between input terminal and output terminal.
- ② There shall be no electrical damage or fire when output terminal is shorted during 1 minute
- ③ There shall be no out of order when the surge applied to power input terminal.
applied surge : 6kV 500A, Ringwave surge, 5times
- ④ There shall be no out of order when the electrostatic discharge applied to power input terminal.
applied electrostatic discharge : 18kV, 10times, time interval of 5secs
- ⑤ Drop test There is no harmful defect when it was dropped to the ground at 120cm heights.