

ADP10AC-09




Single Output Power Supply



Features and Applications:

- 14.5W AC/DC Universal input Switch Mode Power Supplies
- Case dimension 2.71×1.77×1.22 inch
- Over-voltage, over-current, and short circuit protection
- EN55022, FCC part 15 conducted noise level B
- CE, CUL, CB certified
- Conforms to Energy Star requirements

All specifications are typical at nominal input, full load, at 25 °C unless otherwise stated.

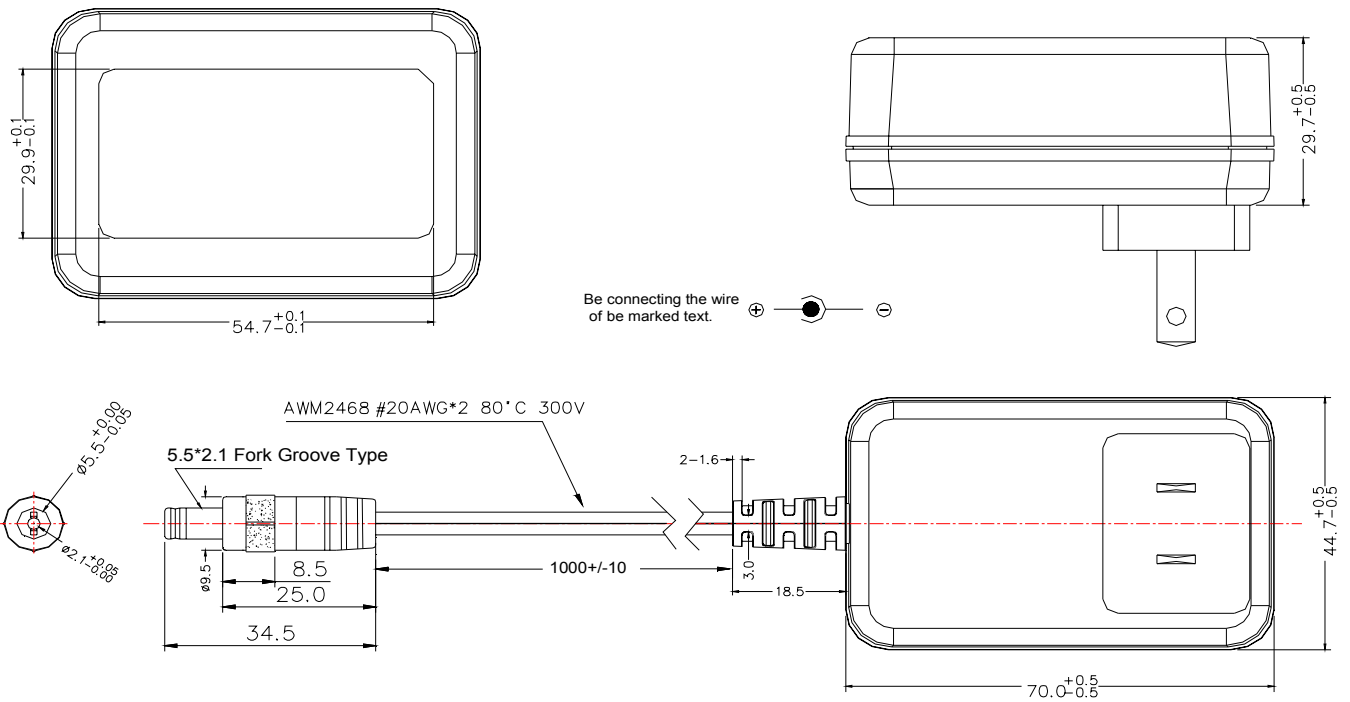
Electrical Specs		General	
INPUT			
Input Range	90 ~ 264V AC	Weight	0.140 Kg (0.311 lbs.) max.
Input Current	0.5A max. @ 90V AC		
Efficiency	73% @ 115V AC	Switching Freq.	100KHz fixed
Inrush Current	20A max. @ 120VAC cold start	MTBF	50,000 hours min. @ 80% of full load
OUTPUT		Environmental	
Output Current	1.6A max. 2A peak	Operating Temp.	0°C ~ 50°C
Load Regulation	9V ±5%	Storage Temp.	-20°C ~ 85°C
Line Regulation	9V ±1%	Relative Humidity	5% to 95% Non-condensing
Ripple & Noise	100mV PK-PK of Vo at 20M Hz	Vibration	3.5G rms peak, 5Hz ~ 500Hz
Transient Response	+/- 5% regulation @ 50% step of full load	Shock	80G peak
Power On Time	2s max. at turn on	Altitude	Operating 10,000 ft max. Non-operating 10,000 ft max.
Hold-up Time	> 5ms @ full load, 115VAC		
OVP Protection	shall not exceed 12.8 volts		
OCP protection	4A max.		
Short circuit protection	Auto-Restart Mode		
No load operation	Pass @ Single output		
Safety and Mark		EMC	
cUL	UL60950-1: 2003, First Edition	Conducted Emissions	EN55022, FCC part 15 level B
CE	EN55024, EN55022, EN61000	Radiated Emissions	EN55022, FCC part 15 level A
Eff Level	IV	ESD	EN61000-4-2, level3
		Surge	EN61000-4-4, level3
		Fast transient	EN61000-4-2, level3
			

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Mechanical Information



- Note: 1. All dimensions in mm
2. Detailed mechanical drawing upon request