

ADP12ACW-12



Single Output Power Supply



Features and Applications:

- 12W 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.

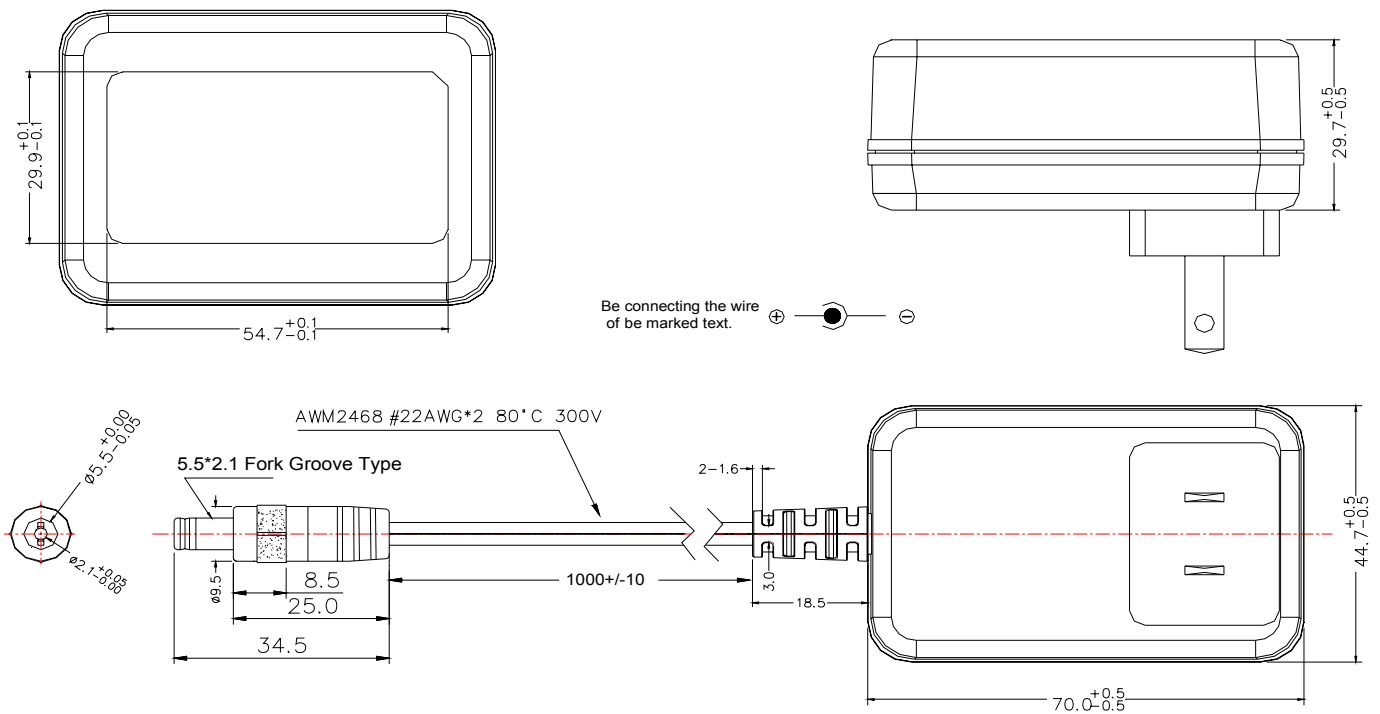
Electrical Specs		General	
INPUT		Weight	93 g (0.207 lbs.) max.
Input Range	90 ~ 264V AC	Switching Freq.	100KHz fixed
Input Current	0.4A max. @ 90V AC	MTBF	50,000 hours min. @ 80% of full load
Efficiency	72% @ 115V AC	Environmental	
Inrush Current	40A max. @ 120VAC cold start	Operating Temp.	0°C ~ 50°C
OUTPUT		Storage Temp.	-20°C ~ 85°C
Output Current	1.0A max. 1.5A peak	Relative Humidity	5% to 95% Non-condensing
Load Regulation	12V ±5%	Vibration	3.5G rms peak, 5Hz ~ 500Hz
Line Regulation	12V ±1%	Shock	80G peak
Ripple & Noise	120mV PK-PK of Vo at 20M Hz	Altitude	Operating 10,000 ft max. Non-operating 10,000 ft max.
Transient Response	+/- 5% regulation @ 50% step of full load		
Power On Time	2s max. at turn on		
Hold-up Time	> 5ms @ full load, 115VAC		
OVP Protection	shall not exceed 16 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