

# ADP10AC-05




Single Output Power Supply



## Features and Applications:

- 10W 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	
<b>INPUT</b>			
Input Range	90 ~ 264V AC	Weight	0.140 Kg (0.311 lbs.) max.
Input Current	0.4A max. @ 90V AC	Switching Freq.	100KHz fixed
Efficiency	70% @ 115V AC	MTBF	50,000 hours min. @ 80% of full load
Inrush Current	40A max. @ 120VAC cold start		
<b>OUTPUT</b>			
Output Current	2.0A max. 2.5A peak	<b>Environmental</b>	
Load Regulation	5.0V ±5%	Operating Temp.	0°C ~ 50°C
Line Regulation	5.0V ±1%	Storage Temp.	-20°C ~ 85°C
Ripple & Noise	70mV PK-PK of Vo at 20M Hz	Relative Humidity	5% to 95% Non-condensing
Transient Response	+/- 5% regulation @ 50% step of full load	Vibration	3.5G rms peak, 5Hz ~ 500Hz
Power On Time	2s max. at turn on	Shock	80G peak
Hold-up Time	> 5ms @ full load, 115VAC	Altitude	Operating 10,000 ft max. Non-operating 10,000 ft max.
OVP Protection	shall not exceed 6.8 volts		
OCP protection	5A max.		
Short circuit protection	Auto-Restart Mode		
No load operation	Pass @ Single output		
<b>Safety and Mark</b>		<b>EMC</b>	
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

