

ADP10AC-2A-L

Single Output Power Supply



Features and Applications:

- 10W AC/DC Switch Mode Power Supplies
- Case dimension 3.14×2.04×1.59 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.

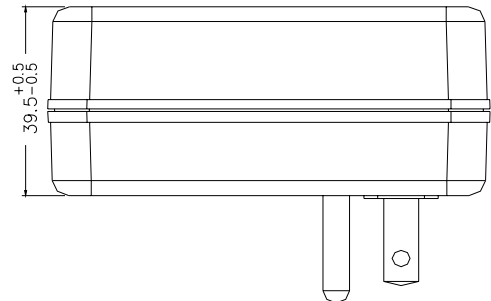
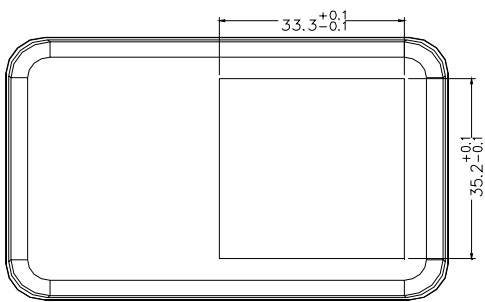
Electrical Specs		General	
INPUT			
Input Range	90 ~ 137V AC	Weight	0.117 Kg (0.26 lbs.) max.
Input Current	0.4A max. @ 90V AC		
Efficiency	69.7% @ 230V AC	Switching Freq.	100KHz fixed
Inrush Current	40A max. @ 120VAC cold start	MTBF	50,000 hours min. @ 80% of full load
OUTPUT		Environmental	
Output Current	2.0A max. 2.5A peak	Operating Temp.	0°C ~ 50°C
Load Regulation	5.1V ±5%	Storage Temp.	-20°C ~ 85°C
Line Regulation	5.1V ±1%	Relative Humidity	5% to 95% Non-condensing
Ripple & Noise	70mV 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 6.8 volts		
OCP protection	5A 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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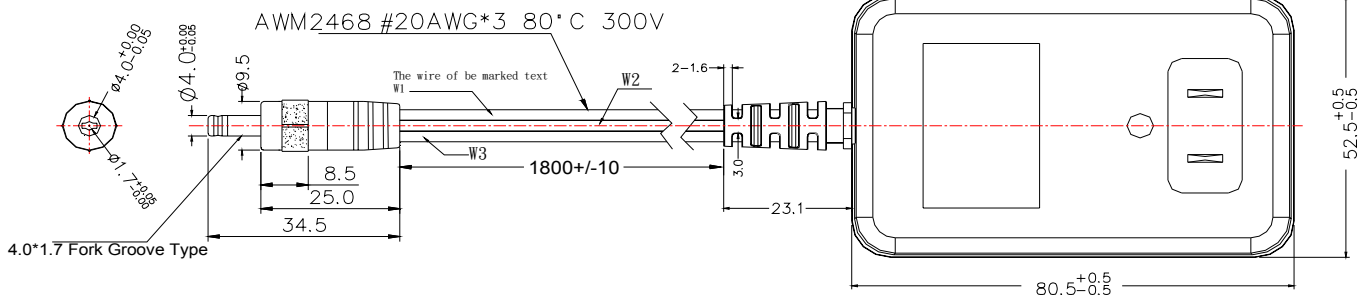


Mechanical Information



Other tolerances: ± 0.2 mm

Be connecting the wire W1 of be marked text. ⊕ — ● — ⊖ W2 and W3



Note: 1. All dimensions in mm

2. Detailed mechanical drawing upon request

DataSheet @ Amperor, Inc. @ 2007

The information and specifications contained in this datasheet are believed to be accurate at time of publication. Specifications are subject to change without notice.