## Load Regulation 5.1V ±5% Line Regulation 5.1V ±1% Ripple & Noise **Transient Response** Power On Time

Eff Level IV



44-(0)-1294-272400

EFFICIENCY LEVEL:

Intertek Corp, an Amperor Company 4th, Fl, Far East World Centre Hsin Tai Wu Road, Hsin-Chih, Taipei, Taiwan R.O.C 886-2-2698-2239

ΛΛΟ	-2A-H
UAC	<b>-ZA-</b> П

Single Output Power Supply





## Features and Applications:

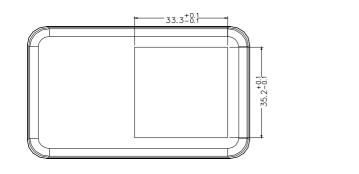
- 10W AC/DC Switch Mode Power Supplies
- Case dimension 3.14×2.04×1.59 inch
- Over-voltage, over current, and short circuit protection
- EN55022,FCC part 15 conducted noise level B
- · CE, CUL, CB certified
- Conforms to Energy Star requirements

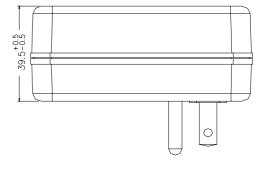
All specifications are typical at nominal input, full load, at 25 °C unless otherwise stated. **Electrical Specs** General INPUT Input Range 180 ~ 264V AC Weight 0.117 Kg (0.26 lbs.) max. Input Current 0.3A max. @ 180V AC Efficiency 69.7% @ 230V AC Switching Freq. 100KHz fixed Inrush Current 80A max. @ 230VAC cold start MTBF 50,000 hours min. @ 80% of full load OUTPUT **Output Current** 2.0A max. Environmental 2.5A peak 0°c ~ 50°c Operating Temp. 70mV PK-PK of Vo at 20M Hz Storage Temp. -20°c ~ 85°c +/- 5% regulation @ 50% step of full load Relative Humidity 5% to 95% Non-condensing 2s max. at turn on 3.5G rms peak, 5Hz ~ 500Hz Hold-up Time > 5ms @ full load, 230VAC Vibration **OVP** Protection shall not exceed 6.8 volts Shock 80G peak OCP protection 5A max. Short circuit protection Auto-Restart Mode Altitude Operating 10,000 ft max. Non-operating 10,000 ft max. No load operation Pass @ Single output Safety and Mark EMC Conducted Emissions EN55022, FCC part 15 level B EN55022, FCC part 15 level A cUL UL60950-1: 2003, First Edition **Radiated Emissions** EN61000-4-2, level3 ESD CE EN55024, EN55022, EN61000 EN61000-4-4, level3 Surae CE Fast transient EN61000-4-2, level3

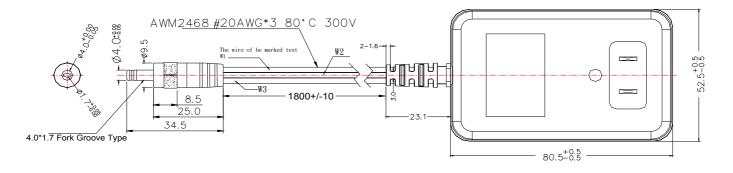
ADP10AC-2A-H Single Output Power Supply



## **Mechanical Information**







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.