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| Electrical Specs | | | General |
|---|---|---|---|
| INPUT Input Range Input Current | 90 ~ 264V AC 0.42A max. @ 90V AC | Weight | 0.131 Kg (0.291 lbs.) max. |
| Efficiency | 73.37% @ 115V AC | Switching Freq. | 100KHz fixed |
| Inrush Current | 40A max. @ 120VAC cold start | MTBF | 50,000 hours min. @ 80% of full load |
| OUTPUT Output Current 3.0A max. | | E | nvironmental |
| Load Regulation | 3.5A peak 5.1V ±5% | = | ivironmental |
| Line Regulation Ripple & Noise Transient Response | 5.1V $\pm 3\%$ 5.1V $\pm 1\%$ 70mV PK-PK of Vo at 20M Hz +/- 5% regulation | Operating Temp. Storage Temp. | 0°c ~ 50°c -20°c ~ 85°c |
| | @ 50% step of full load | Relative Humidity | 5% to 95% Non-condensing |
| Power On Time Hold-up Time | 2s max. at turn on > 5ms @ full load, 115VAC | Vibration | 3.5G rms peak, 5Hz ~ 500Hz |
| OVP Protection OCP protection | shall not exceed 6.8 volts 6A max. | Shock | 80G peak |
| Short circuit protection | Auto-Restart Mode | Altitude | Operating 10,000ft max. Non-operating 10,000ft max. |
| No load operation | Pass @ Single output | | |
| Safety and Mark | | | EMC |
| cULUL60950-1: 2003, First EditionCEEN55024,EN55022,EN61000CEEff LevelIVEFFICIENCY LEVEL: IV | | Conducted Emissions Radiated Emissions ESD Surge Fast transient | EN55022, FCC part 15 level B EN55022, FCC part 15 level A EN61000-4-2, level3 EN61000-4-4, level3 EN61000-4-2, level3 |

ADP10AC-3A-U

Single Output Power Supply



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

тм **Ampero** by design

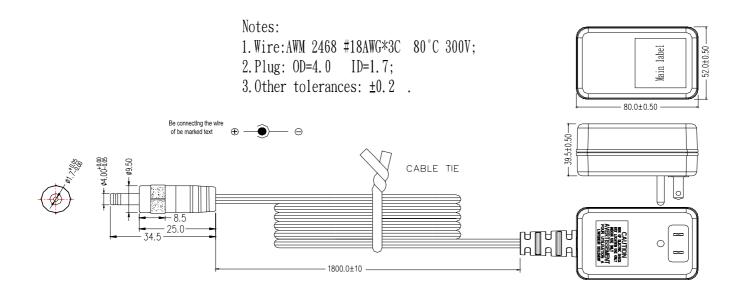
Features and Applications:

- 15W AC/DC Universal input 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

ADP10AC-3A-U 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.