



300 Watt Series

Desktop Type

uA300 - 10XX

→ O / P Voltage

Green Mode

DoE Level VI,
No Load Power Consumption Less Than 0.5W

Features :

- 100-240VAC Universal Input
- Single Output to 300W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

| Model | O/P Voltage | O/P Current | Watt |
|------------|-------------|-------------|------|
| uA300-1012 | 12.0V | 24.00A | 288W |
| uA300-1019 | 19.0V | 15.78A | 300W |
| uA300-1024 | 24.0V | 12.50A | 300W |
| uA300-1048 | 48.0V | 6.25A | 300W |
| uA300-1056 | 56.0V | 5.36A | 300W |

Input

| | |
|----------------|-------------------------------|
| Voltage | 100-240VAC |
| Line Frequency | 50-60Hz |
| Current | 3.9A Max. |
| Protection | Internal Primary Current Fuse |
| Configuration | IEC60320/C14 |

Output

| | |
|--------------------|--|
| Load Regulation | ±5% (Typical) |
| Ripple | 2% Vp-p Max. for Output Voltage @ Full Load |
| Transient Response | 0.5mS for 50% Load Change Typical |
| Hold-up Time | 10mS @ Full Load |
| Protection | Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection |
| DC Cord | UL 2464 / 16AWG |
| Ferrite Core | YES |

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI

Electrical

| | |
|----------------------------|--|
| Topology | LLC |
| Dielectric Withstand | 3000VAC Primary - Secondary |
| Leakage Current | 3.5mA @ 3Pin |
| Efficiency | DoE Level VI, Energy Star, ErP Stage 2 & NRCan Certified |
| EMI Conduction & Radiation | Compliance to IEC55032 Class B |
| Harmonic Current | Compliance to EN61000-3-2,3 |
| EMS Immunity | Compliance to IEC61000-4-2,3,4,5,6,8,11 |
| MTBF | 300,000 Calculated Hours at 25°C , by Telcordia SR-332 |

Environmental

| | |
|-----------------------|--|
| Operating Temperature | 0 to + 40°C |
| Storage Temperature | -20 to + 80°C |
| Relative Humidity | Operating : 20 to 80% RH Storage : 10 to 90% RH |
| Cooling | Natural Convection Cooling |

Mechanical

| | |
|----------------|---------------------------|
| Case Dimension | L 254 × W 116 × H 47 (mm) |
| Weight | 1600 g (Ref.) |



R33154 RoHS