



120 Watt Series

Desktop Type

uA120 - 10XX YY



Green Mode
 CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI
 No Load Power Consumption Less Than 0.21W

- Features :**
- 100-240VAC Universal Input
 - Single Output to 120W
 - 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 |
|------------|-------------|-------------|------|
| uA120-1012 | 12.0V | 9.00A | 108W |
| uA120-1015 | 15.0V | 8.00A | 120W |
| uA120-1016 | 16.0V | 7.50A | 120W |
| uA120-1018 | 18.0V | 6.60A | 120W |
| uA120-1019 | 19.0V | 6.30A | 120W |
| uA120-1020 | 20.0V | 6.00A | 120W |
| uA120-1024 | 24.0V | 5.00A | 120W |
| uA120-1030 | 30.0V | 4.00A | 120W |
| uA120-1048 | 48.0V | 2.50A | 120W |
| uA120-1056 | 56.0V | 2.14A | 120W |

| Input | |
|----------------|-------------------------------|
| Voltage | 100-240VAC |
| Line Frequency | 47 - 63Hz |
| Current | 1.6A Max. |
| Protection | Internal Primary Current Fuse |
| Configuration | IEC60320/C6, 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 | 18AWG/16AWG/14AWG |
| Ferrite Core | Yes |

Safety Approvals
 CB / UL / cUL / FCC / GS / CE / PSE / BSMI / RCM / CCC
 (*) With KC mark

| Electrical | |
|----------------------------|---|
| Topology | Switching Flyback |
| Dielectric Withstand | 3000VAC Primary - Secondary |
| Leakage Current | 3.5mA @ 3 Pin |
| Efficiency | DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI 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 168 x W 66 x H 39 (mm) (Ref.) |
| Weight | 590 g (Ref.) |

