

PA1015DU SERIES:



15 Watts / Single Output

- 2.76 x 1.54 x 1.06" UL94V-0 Plastic Case (US Wallmount)

Features:

- Universal AC Input (90~264 VAC Input Range)
- Level VI Efficiency Standard Compliant
- Class B Emissions
- International Safety Approvals
- 2 Year Warranty

INPUT:

| | |
|------------------|--------------------------------------|
| Input Voltage | 90~264 VAC (Universal AC Input) |
| Input Frequency | 47-63Hz |
| Inrush Current | 40A @ 230 VAC Cold Start |
| Input Current | 400mA maximum |
| Input Protection | Single Fuse |
| Hold-Up Time | 10ms Minimum |
| Leakage Current | <750 μ A @ 240 VAC Maximum |
| Harmonics | EN61000-3-2 Class A Compliant |
| Green Power | Less than 0.300W No Load Input Power |

GENERAL:

| | |
|-----------------------|--|
| Efficiency | 75% minimum |
| Operating Temperature | 0-40°C, derate linearly to 50% Load at 50°C |
| Storage Temperature | -20°C to +85°C |
| Cooling | Convection Cooled |
| Operating Humidity | 5-95% RH, Non-Condensing |
| Vibration | 5 ~ 50 Hz, acceleration 7.35 m/s*s on X,Y and Z Axis |
| MTBF | >50k Hrs (according to MIL-HBK-217F) at 25°C |

OUTPUT:

| | |
|--------------------------|----------------------------------|
| Minimum Load | n/a |
| Line Regulation | \pm 1% max |
| Load Regulation | \pm 5% max |
| Ripple & Noise | \pm 1% typ. pk-pk @ 20MHz |
| Overload Protection | 110-135% of max power (Foldback) |
| Over Voltage | Latching >130% of nominal |
| Short Circuit Protection | Continuous (auto-recovery) |

EMC:

| | |
|-------------------------|--|
| Electrostatic Discharge | EN61000-4-2, \pm 4KV Contact / \pm 8KV Air Discharge |
| Radiated Susceptibility | EN61000-4-3, 26-1000MHz, 10V/M, 80% AM |
| EFT / Bursts | EN61000-4-4, \pm 2KV |
| Surges | EN61000-4-5, \pm 2KV Line-Earth, \pm 1KV Line-Line |
| Conducted Immunity | EN61000-4-6, 0.15-800MHz, 10V, 80% AM |
| Voltage Dips | EN61000-4-10, 95% Dip & 10ms, 30% Dip & 500ms |
| Voltage Interruptions | EN61000-4-11, 95% reduction, 5s |
| Fluctuations & Flicker | EN61000-3-3 |

APPROVALS:

Emissions EN55022 Class B
FCC ANSI C63.4 Class B
BSMI CNS13438

Safety Approvals UL/cUL 60950-1
CB EN60950-1
TUV/GS EN60950-1
C-Tick AS3260(AS/NSZ60950)
BSMI CNS14336
CE Mark (LVD)



PA1015DU SERIES:

| Output Specifications: | | |
|------------------------|---------|--------------------|
| Model: | Vout | Max Output Current |
| PA1015-033-DU | 3.3 VDC | 3900mA |
| PA1015-050-DU | 5.0 VDC | 2600mA |
| PA1015-075-DU | 7.5 VDC | 1700mA |
| PA1015-090-DU | 9.0 VDC | 1667mA |
| PA1015-120-DU | 12 VDC | 1250mA |
| PA1015-150-DU | 15 VDC | 1000mA |
| PA1015-180-DU | 18 VDC | 833mA |
| PA1015-190-DU | 19 VDC | 789mA |
| PA1015-240-DU | 24 VDC | 625mA |
| PA1015-270-DU | 27 VDC | 555mA |
| PA1015-300-DU | 30 VDC | 500mA |

- Power Supply can be set to any voltage ranging between 3.0 ~ 30 VDC and maintain all safety approvals.
- Standard Cable Length is 6 feet.
- Additional suffix to designate output connector is required, see connector options at <http://advpower.com/dcconnector.pdf>

OUTLINE DRAWING:

