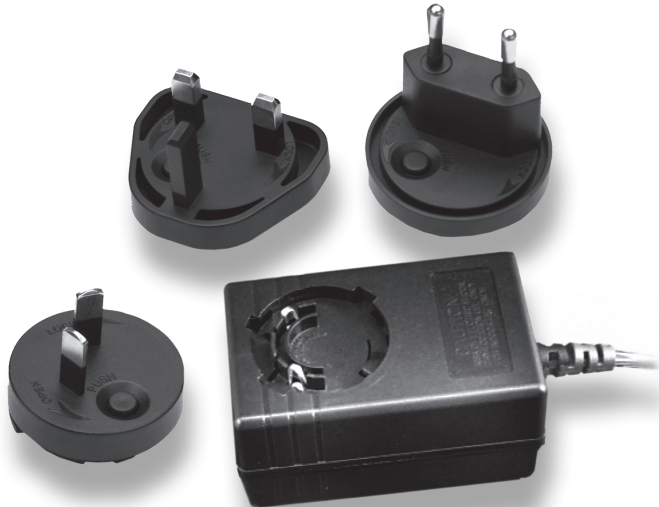


PA1030I SERIES:



30 Watts / Single Output

- 3.11 x 1.89 x 1.50" Wallmount with Detachable AC Plug

Features:

- Universal AC Input (90~264 VAC Input Range)
- Detachable AC Plugs for Utilization Around the Globe
- Level V Efficiency
- 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 | 450mA 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 ² 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 cTUVus EN60950-1
 CB EN60950-1
 C-Tick AS3260(AS/NSZ60950)
 BSMI CNS14336
 EISA / ErP Level VI
 CE Mark (LVD)



PA1030I SERIES:

Output Specifications:

| Model: | Vout | Max Output Current |
|--------------|---------|--------------------|
| PA1030-033-I | 3.3 VDC | 4000mA |
| PA1030-050-I | 5.0 VDC | 4000mA |
| PA1030-075-I | 7.0 VDC | 4000mA |
| PA1030-090-I | 9.0 VDC | 3333mA |
| PA1030-120-I | 12 VDC | 2500mA |
| PA1030-150-I | 15 VDC | 2000mA |
| PA1030-180-I | 18 VDC | 1667mA |
| PA1030-190-I | 19 VDC | 1579mA |
| PA1030-240-I | 24 VDC | 1250mA |
| PA1030-270-I | 27 VDC | 1111mA |
| PA1030-300-I | 30 VDC | 1000mA |
| PA1030-360-I | 36 VDC | 833mA |
| PA1030-480-I | 48 VDC | 625mA |

- All Models ship with US Plug (Standard), Additional plugs sold seperately (consult sales)
- Power Supply can be set to any voltage ranging between 3.0 ~ 50 VDC and maintain all safety approvals.
- Standard Cable Length is 6 feet.
- Additional suffix to designate output connector is required, see connectvior options at <http://advpower.com/dcconnector.pdf>

OUTLINE DRAWING:

