

PA1045Txy SERIES:



45 Watts / Single Output

- 4.53 x 1.85 x 1.34" with IEC-320 C14 Inlet
- 3.70 x 1.69 x 1.18" with IEC-320 C8 Inlet
- 3.70 x 1.69 x 1.18" with IEC-320 C6 Inlet

Features:

- Universal AC Input (90~264 VAC Input Range)
- Class I or Class II Safety Approvals
- Level V Efficiency
- Class B Emissions
- International Safety Approvals (Class I or II)
- 2 Year Warranty

INPUT:

Input Voltage	90~264 VAC (Universal AC Input)
Input Frequency	47-63Hz
Inrush Current	80A @ 230 VAC Cold Start
Input Current	1000mA maximum
Input Protection	Single Fuse
Hold-Up Time	10ms Minimum
Leakage Current	<700 μ A @ 240 VAC Maximum
Harmonics	EN61000-3-2 Class A Compliant
Green Power	Less than 0.300W No Load Input Power

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)

GENERAL:

Efficiency	86% minimum
Operating Temperature	0-50°C, derate linearly to 50% Load at 60°C
Storage Temperature	-20°C to +70°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	>40k Hrs (according to MIL-HBK-217F) at 25°C

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 VCCI / SMA / EN55022 Class B
FCC ANSI C63.4 Class B

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



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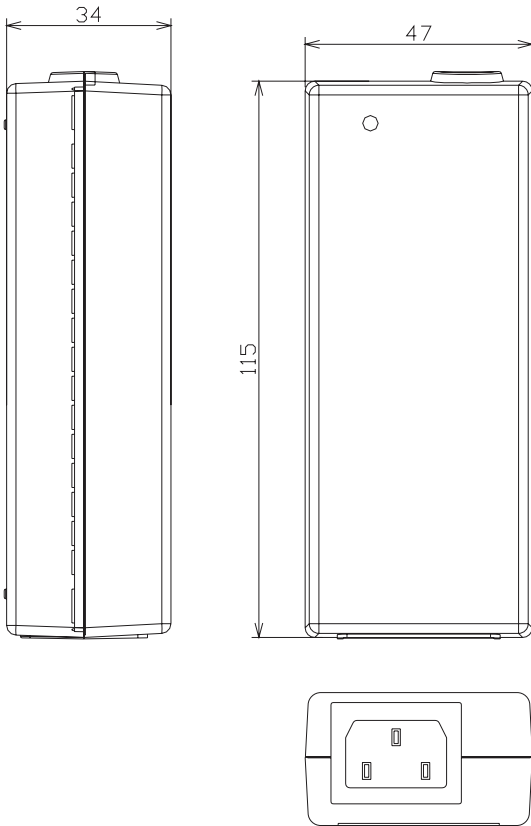
Output Specifications:

Model:	Vout	Max Output Current	Factory Set Point Range
PA1045-120Txy333	12 VDC	4000mA	12.18.9 VDC
PA1045-150Txy267	15 VDC	3200mA	19.0~24 VDC
PA1045-180Txy222	18 VDC	2666mA	19.0~24 VDC
PA1045-190Txy210	19 VDC	2526mA	19.0~24 VDC
PA1045-240Txy167	24 VDC	2000mA	19.0~24 VDC
PA1045-270Txy148	27 VDC	1777mA	24.1~36 VDC
PA1045-300Txy133	30 VDC	1600mA	24.1~36 VDC
PA1045-480Txy083	48VDC	1000mA	36.1~48 VDC

- Designate desired AC Inlet Package by replacing "x" with one of the following:
 1 = IEC-320 C14 Inlet 2 = IEC320 C8 Inlet 3 = IEC-320 C6 Inlet
- Designate Safety Class I (ground) or Safety Class II (No Ground) by replacing "y" with one of the following:
 A = Class I Safety Approvals (Safety Ground) B = Class I Safety Approvals (No Safety Ground)
- Power Supply can be set to any voltage ranging between 5.0 ~ 48 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://www.advpower.com/dcconnector.pdf>

OUTLINE DRAWINGS:

Case 1 (IEC-320 C14 Inlet)



Case 2 & 3 (IEC-320 C6 or C8 Inlet)

