

PA1050T SERIES:



50 Watts / Single Output

- 4.33 x 2.13 x 1.22" Desktop Switchers

Features:

- Universal AC Input (90~264 VAC Input Range)
- Level VI Efficiency
- Class B Emissions
- International Safety Approvals (Class I or Class 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	1800mA 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

GENERAL:

Efficiency	75% minimum
Operating Temperature	0-40°C, derate linearly to 50% Load at 50°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

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)

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
PA1050-090Txx500	9VDC	5000mA	9.0~14.9VDC
PA1050-120Txx417	12VDC	4167mA	9.0~14.9VDC
PA1050-150Txx333	15VDC	3333mA	15.0~24.0VDC
PA1050-180Txx222	18VDC	2777mA	15.0~24.0VDC
PA1050-190Txx263	19VDC	2632mA	15.0~24.0VDC
PA1050-240Txx208	24VDC	2083mA	15.0~24.0VDC
PA1050-270Txx185	27VDC	1851mA	24.1~36VDC
PA1050-300Txx167	30VDC	1667mA	24.1~36VDC
PA1050-480Txx104	48VDC	1042mA	36.1~48.0VDC

- To Designate desired Safety Class of power supply, replace "xx" with: 2B = Class II Safety Approvals / 1A = Class I Safety Approval
- Power Supply can be set to any voltage ranging between 9.0 ~ 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 DRAWING:

