



FEATURES

- IEC320-C14 AC Inlet
- Optional On/Off Switch
- Optional +5V/2A Standby Power
- Built-In Cooling Fan with Speed Control
- Compliant with RoHS Requirements

INPUT SPECIFICATIONS

Input Voltage Range	90~264 VAC
Input Frequency	47~63Hz
Input Current	2A rms @ 90 VAC; 1A rms @ 264 VAC
Inrush Current	25A max. @ 115 VAC at 25°C; 50A max. @ 230 VAC at 25°C
Power Factor	0.95 min. @ 115 VAC 0.90 min. @ 230 VAC

OUTPUT SPECIFICATIONS

Output Power	150W
Output Voltage	See table
Output Current	See table
Line Regulation	±5%
Ripple and Noise*	See table
Hold-up Time	10ms max. typical @ 115 VAC
Overvoltage Protection	Auto-recovery; Shutdown if +5Vsb power exists
Overload Protection	Auto-recovery; Shutdown if +5Vsb power exists
Short Circuit Protection.....	Auto-recovery; Shutdown if +5Vsb power exists

* Ripple & Noise is maximum peak-to-peak voltage value measured at output within 20MHz bandwidth, at rated line voltage and output load ranges, and with a 10µF electrolytic capacitor in parallel with a 0.1µF ceramic capacitor across the output connector.

GENERAL SPECIFICATIONS

Efficiency	80% min. @ full load, 115VAC
Switching Frequency	50KHz
Operating Temperature	0°C to +70°C
Storage Temperature	-10°C to +70°C
Operating Humidity	20%~90% non-condensing
Derating	Derate linearly 2.5% per °C, from 51°C to 70°C
Withstand Voltage	4,242VDC input to output ; 2,121VDC input to ground
MTBF	100K hours min. @ full load, 25°C ambient, calculated per MIL-HDBK-217F



MODELS LIST

Product No.	Output Voltage	Output Current		Max. Power	Ripple & Noise*
		Min.	Max.		
TPA150-D21	+5V	1A	15A	150W	50mV
	+12V	0.5A	8A		120mV
TPA150-D25	+5V	1A	15A	150W	50mV
	+19V	0.5A	5A		190mV
TPA150-D26	+12V	1A	12A	150W	120mV
	-12V	0.5A	1.5A		120mV
TPA150-T31	+5V	1.5A	15A	150W	50mV
	+12V	2A	8A		120mV
	-12V	0.15A	1.5A		120mV
TPA150-Q40	+3.3V	1.5A	6A	150W	50mV
	+5V	2A	7A		50mV
	+12V	3A	8A		120mV
	-12V	0A	1.5A		120mV

Notes:

- 1) Add suffix "-V" to the P/N when ordering the optional +5V/2A standby power.
- 2) Add suffix "-S" to the P/N when ordering the optional on/off switch.
- 3) Other outputs available upon request.

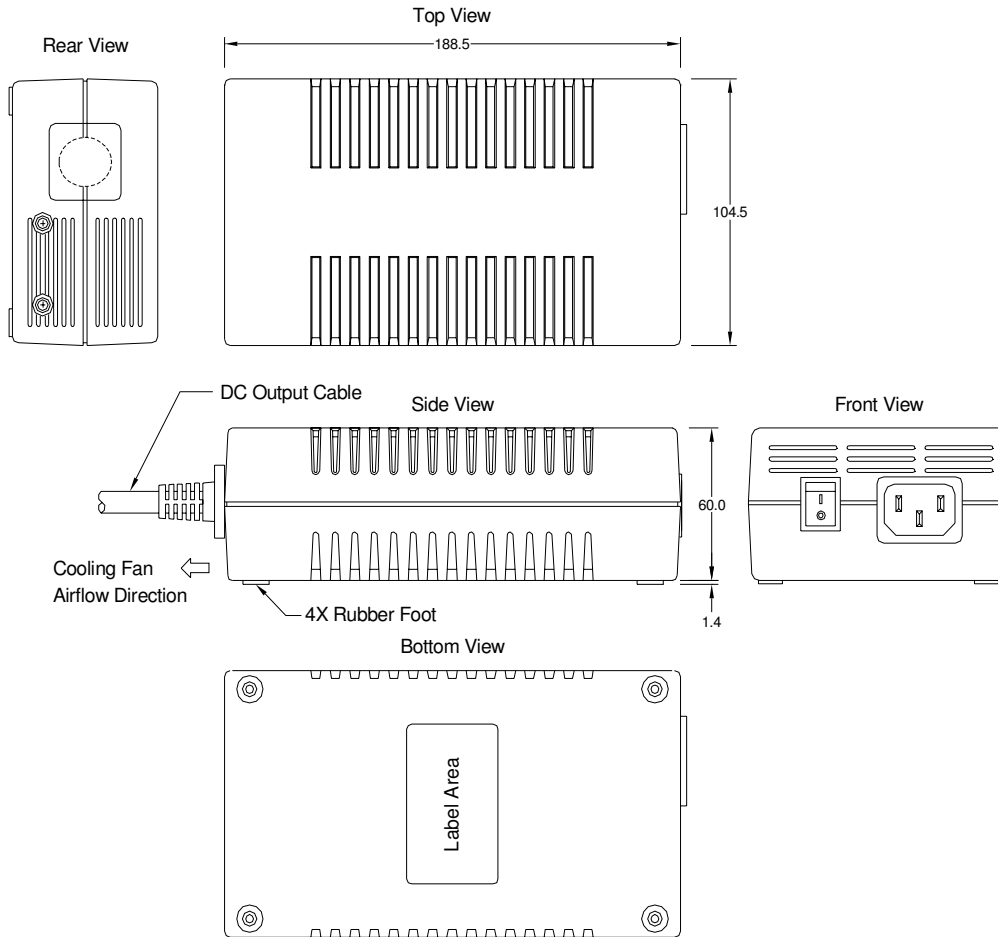
STANDARDS & COMPLIANCES

EMC Standards	FCC/CISPR22/CE/EN 55022 Class B
Safety Standards	UL/IEC/EN 60950-1 (2nd Edition), CSA C22.2 No.60950-1 (2nd Edition)
Agency Approvals	UL, cUL, TUV, FCC,CB, CE
Other Compliance	RoHS

TPA150 Series

150 Watts Multiple Output Power Adapters

MECHANICAL DRAWINGS



Notes:

1. Dimensions in mm
2. Tolerance: $\pm 0.5\text{mm}$
3. Weight: 0.98 kgs (2.16 lbs)
4. Standard output cables: AWM 2464 #18/20 AWG / 4C~8C + shielding, UL 80°C, 300V, VW-1, 1050mm;
AWM 2464 #18C + shielding, UL 80°C, 300V, VW-1, 1050mm.
5. Contact us for output connectors selection.