

FEATURES

- Single Output
- High Reliability
- 40mm Cooling Fan
- Input: 90~264 VAC
- 100% Hi-Pot Tested
- 100% Burn-In Tested
- AC Input: IEC-320-C14 Inlet
- Total Power: 110~150 Watts
- Safety Approvals, EMC Compliance
- Over Voltage and Short Circuit Protected



DESCRIPTION

The DTA150A-E series are highly reliable desktop power supplies with an input voltage range of 90~264VAC. All supplies have a single output, active PFC, 40mm cooling fan, and an IEC-320-C14 AC inlet connector. These supplies also have over voltage and short circuit protection and have been 100% burn-in and hi-pot tested.

SPECIFICATIONS: DTA150A-E Series

All specifications apply @ ±25°C ambient unless otherwise noted

INPUT SPECIFICATIONS

Input Voltage Range 90 – 264 VAC (full range)
 Input Frequency 47 - 63Hz
 Input Current (rms)..... 2.5A @ 90VAC; 1A @ 264VAC max.

OUTPUT SPECIFICATIONS

Output Current see table
 Output Voltage see table
 Voltage Regulation ±3%
 Maximum Power 150W
 Ripple/Noise (20 MHz BW) 1%
 Hold Up Time >16ms typical at full load and 115VAC

PROTECTION

Short Circuit Protection Auto-recovery
 Over Voltage Protection AC Recycle

GENERAL SPECIFICATIONS

Efficiency..... >80% @ full load, 115VAC
 Power Factor..... >0.9 (20% ~ 100% Load)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature 0°C to +50°C
 Storage Temperature..... -10°C to+70°C
 MTBF..... >100,000 hrs at FL and 25°C ambient temperature

PHYSICAL SPECIFICATIONS

Dimensions 7.42(L) x 4.11(W) x 2.36(H) inches
 188.5(L) x 104.5(W) x 60(H) mm
 AC Inlet IEC-320-C14

SAFETY & EMI

Safety StandardsUL 60950
CSA C22.2-No.60950
 TUV EN60950
 CB IEC 60950
 EMI StandardsFCC Class B
 CISPR22 Class B
 EN 55022 Class B
 EN 61000-3-2
 CE

Due to advances in technology, specifications subject to change without notice

MODEL SELECTION GUIDE

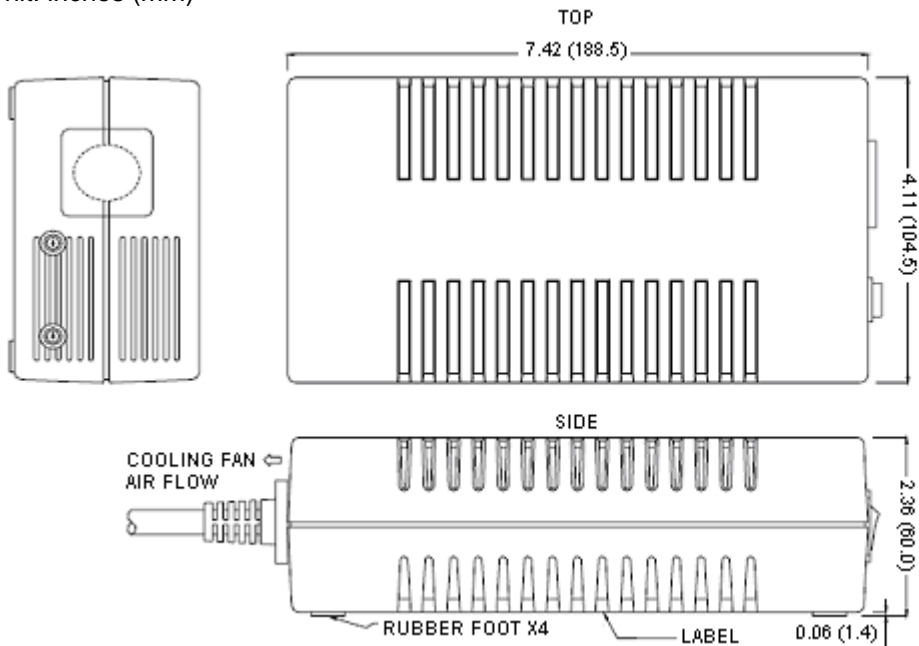
Model	Input Voltage	Output Voltage	Output Current	Output Power
● DTA-110A2-1Y-050E	90 – 264 VAC	5 VDC	22A	110W
● DTA-110A2-1Y-060E	90 – 264 VAC	6 VDC	18.3A	110W
● DTA-110A2-1Y-070E	90 – 264 VAC	7 VDC	15.7A	110W
● DTA-130A2-1Y-080E	90 – 264 VAC	8 VDC	16.3A	130W
● DTA-130A2-1Y-090E	90 – 264 VAC	9 VDC	14.4A	130W
● DTA-130A2-1Y-100E	90 – 264 VAC	10 VDC	13A	130W
● DTA-130A2-1Y-110E	90 – 264 VAC	11 VDC	11.8A	130W
DTA-150A2-1Y-120E	90 – 264 VAC	12 VDC	12.5A	150W
● DTA-150A2-1Y-130E	90 – 264 VAC	13 VDC	11.5A	150W
● DTA-150A2-1Y-140E	90 – 264 VAC	14 VDC	10.7A	150W
DTA-150A2-1Y-150E	90 – 264 VAC	15 VDC	10A	150W
● DTA-150A2-1Y-160E	90 – 264 VAC	16 VDC	9.4A	150W
DTA-150A2-1Y-170E	90 – 264 VAC	17 VDC	8.8A	150W
DTA-150A2-1Y-180E	90 – 264 VAC	18 VDC	8.3A	150W
DTA-150A2-1Y-190E	90 – 264 VAC	19 VDC	7.9A	150W
DTA-150A2-1Y-200E	90 – 264 VAC	20 VDC	7.5A	150W
● DTA-150A2-1Y-210E	90 – 264 VAC	21 VDC	7.1A	150W
● DTA-150A2-1Y-220E	90 – 264 VAC	22 VDC	6.8A	150W
● DTA-150A2-1Y-230E	90 – 264 VAC	23 VDC	6.5A	150W
DTA-150A2-1Y-240E	90 – 264 VAC	24 VDC	6.3A	150W
● DTA-150A2-1Y-320E	90 – 264 VAC	32 VDC	4.7A	150W
● DTA-150A2-1Y-330E	90 – 264 VAC	33 VDC	4.5A	150W
DTA-150A2-1Y-360E	90 – 264 VAC	36 VDC	4.2A	150W
DTA-150A2-1Y-480E	90 – 264 VAC	48 VDC	3.1A	150W

NOTES

1. “●” represents “Safety Pending”.
2. Ripple & Noise is measured peak-to-peak with 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.
3. AC Inlet: IEC 320-C14 Standard.

MECHANICAL DRAWINGS

Unit: inches (mm)



NOTE

1. AC INLET: IEC-320-C14 STANDARD
2. POWER SWITCH
3. BOX COLOR: BLACK
4. TOLERANCE: ±0.5mm

