

FEATURES

- Single Output
- High Reliability
- RoHS Compliant
- 40mm Cooling Fan
- Input: 90~264 VAC
- AC Input: IEC-320-C14 Inlet
- Total Power: 110~150 Watts
- 100% Hi-pot and Burn-in Tested
- Safety Approvals, EMC Compliance
- Over Voltage, Over Load, 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, over load, and short circuit protection. This series has 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.
Power Factor..... > 0.9 @ 115VAC

OUTPUT SPECIFICATIONS

Output Current see table
Output Voltage see table
Maximum Power 150W
Ripple/Noise (20 MHz BW) 1%
Hold Up Time > 10ms typical at full load and 115VAC

PROTECTION

Short Circuit Protection Auto-recovery
Over Load Protection Auto-recovery
Over Voltage Protection AC Recycle

GENERAL SPECIFICATIONS

Efficiency..... >8 0% @ full load and 115VAC

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature 0°C to +50°C
Storage Temperature..... -10°C to+70°C
Humidity..... 20% to 90%
MTBF >100,000 hrs at FL and 25°C ambient temperature

PHYSICAL SPECIFICATIONS

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

SAFETY & EMI

Safety Standards UL 60950-1(4)
..... CSA C22.2-No.60950-1
..... TUV EN60950-1
..... CB IEC 60950-1
EMC Standards FCC Class B
..... CISPR22 Class B
..... EN 55022 Class B
..... CE

MODEL SELECTION TABLE

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

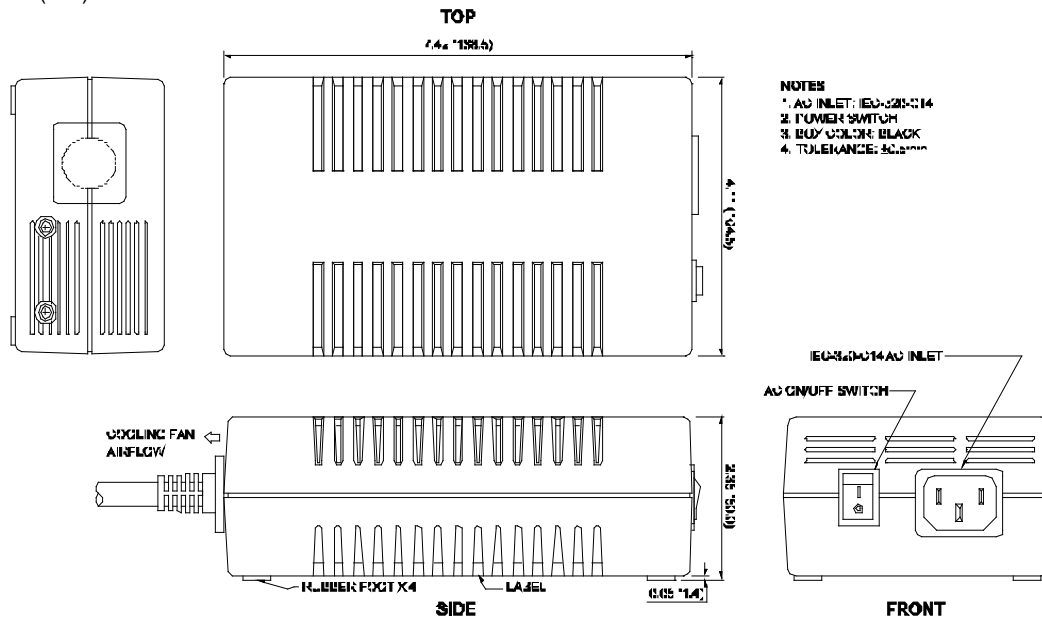
NOTES

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.
4. This product is Listed to applicable standards and requirements by UL.

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

MECHANICAL DRAWINGS

Unit: inches (mm)





Wall Industries, Inc.

Rev C

DTA150A-E Series
With Active PFC
To 150 Watts, Single Output
AC/DC Desktop Power Supply

COMPANY INFORMATION

Wall Industries, Inc. has created custom and modified units for over 50 years. Our in-house research and development engineers will provide a solution that exceeds your performance requirements on-time and on budget. Our ISO9001: 2015 certification is just one example of our commitment to producing a high quality, well-documented product for our customers.

Our past projects demonstrate our commitment to you, our customer. Wall Industries, Inc. has a reputation for working closely with its customers to ensure each solution meets or exceeds form, fit and function requirements. We will continue to provide ongoing support for your project above and beyond the design and production phases. Give us a call today to discuss your future projects.

Contact **Wall Industries** for further information:

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