

FEATURES:

- Single Output
- High Reliability
- Input: 90~264 VAC
- 100% Hi-Pot Tested
- 100% Burn-In Tested
- Total Power: 50~70 Watts
- AC Input: IEC 320-C14 Inlet
- Safety Approvals, EMC Compliance
- Dimensions: 155(L) x 85(W) x 50(H) mm
- Over Voltage and Short Circuit Protected



SPECIFICATIONS: DTA-070 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) 2A @ 90VAC; 1A @ 264VAC max.

OUTPUT SPECIFICATIONS

Output Current see table
 Output Voltage see table
 Voltage Regulation ±3~5%
 Maximum Power 70W
 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

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature 0°C to +40°C
 Storage Temperature -10°C to +70°C
 MTBF >80,000 hrs at FL and 25°C ambient temperature

PHYSICAL SPECIFICATIONS

Weight 12 oz
 Dimensions 155(L) x 85(W) x 50(H) mm
 AC Inlet IEC 320-C14

SAFETY & EMI

Safety Standards UL60950⁽⁶⁾
 CSA C22.2-No.60950
 TUV EN 60950
 CB IEC 60950
 EMI Standards FCC Class B
 CISPR22 Class B
 EN 55022 Class B
 CE



Wall Industries, Inc.

Rev. B

DTA-070 Series
To 70 Watts
Single Output
AC/DC Desktop Power Supply

OUTPUT VOLTAGE / CURRENT RATING CHART

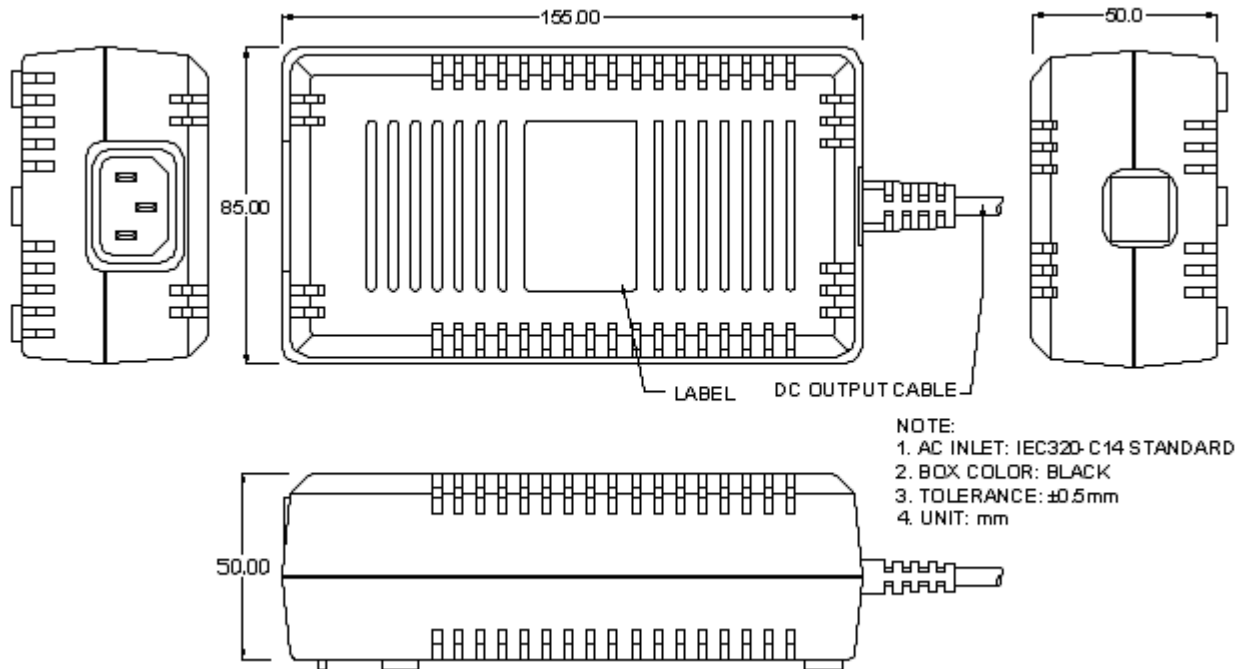
Model	Output Voltage	Output Current	Output Regulation	Output Power
DTA-050A-1Y05D0	5 VDC	10A	5%	50W
DTA-050A-1Y06D0	6 VDC	8.3A	5%	50W
DTA-050A-1Y07D0	7 VDC	7.14A	5%	50W
DTA-050A-1Y08D0	8 VDC	6.25A	5%	50W
DTA-050A-1Y09D0	9 VDC	5.5A	5%	50W
DTA-070A-1Y12D0	12 VDC	5.8A	5%	70W
DTA-070A-1Y13D0	13 VDC	5.4A	5%	70W
DTA-070A-1Y14D0	14 VDC	5A	5%	70W
DTA-070A-1Y15D0	15 VDC	4.6A	3%	70W
DTA-070A-1Y16D0	16 VDC	4.37A	3%	70W
DTA-070A-1Y17D0	17 VDC	4.11A	3%	70W
DTA-070A-1Y18D0	18 VDC	3.88A	3%	70W
DTA-070A-1Y19D0	19 VDC	3.68A	3%	70W
DTA-070A-1Y20D0	20 VDC	3.5A	3%	70W
DTA-070A-1Y21D0	21 VDC	3.33A	3%	70W
DTA-070A-1Y22D0	22 VDC	3.18A	3%	70W
DTA-070A-1Y23D0	23 VDC	3.04A	3%	70W
DTA-070A-1Y24D0	24 VDC	2.9A	3%	70W

NOTES:

1. Peak-to-peak with 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.
2. AC Inlet: IEC 320-C14 Standard.
3. The box color is black.
4. Tolerance: $\pm 0.5\text{mm}$.
5. The unit is measured in mm.
6. This product is Listed to applicable standards and requirements by UL.

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

MECHANICAL DRAWINGS



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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