

FEATURES

- Single Output
- High Reliability
- Input: 90~264VAC
- 100% Hi-Pot Tested
- 100% Burn-In Tested
- Total Power: 40~60 Watts
- AC Input: IEC-320-C14 Inlet
- Safety Approvals, EMC Compliance
- Dimensions: 5.20 x 2.72 x 1.57 Inches
- Over Voltage, Over Load, and Short Circuit Protected



DESCRIPTION

The DTA-060A series offers up to 60 Watts of power in a single output universal input AC/DC desktop power supply. Output voltages are available from 9VDC to 24VDC. This series also has an IEC-320-C14 AC inlet connector and has over voltage, over load, and short circuit protection. All units are 100% burn-in and hi-pot tested and have safety approvals and EMC compliance.

SPECIFICATIONS: *DTA-060A 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
Output Regulation 3~5%
Maximum Power see table
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 Auto-recovery

GENERAL SPECIFICATIONS

Efficiency..... >75% @ full load and 115VAC

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature 0°C to +40°C
Storage Temperature..... -10°C to+70°C
Humidity..... 20% ~ 90%
MTBF..... >80,000 hrs at FL and 25°C ambient temperature

PHYSICAL SPECIFICATIONS

Weight12 oz
Dimensions (L x W x H)5.20 x 2.72 x 1.57 inches
132 x 69 x 40 mm
AC Inlet..... IEC-320-C14

SAFETY & EMI

Safety StandardsUL60950-1
.....CSA C22.2-No.60950-1
.....TUV EN60950-1
.....CB IEC 60950-1
EMI StandardsFCC Class B
.....CISPR22 Class B
.....EN 55022 Class B
.....CE

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

MODEL SELECTION GUIDE

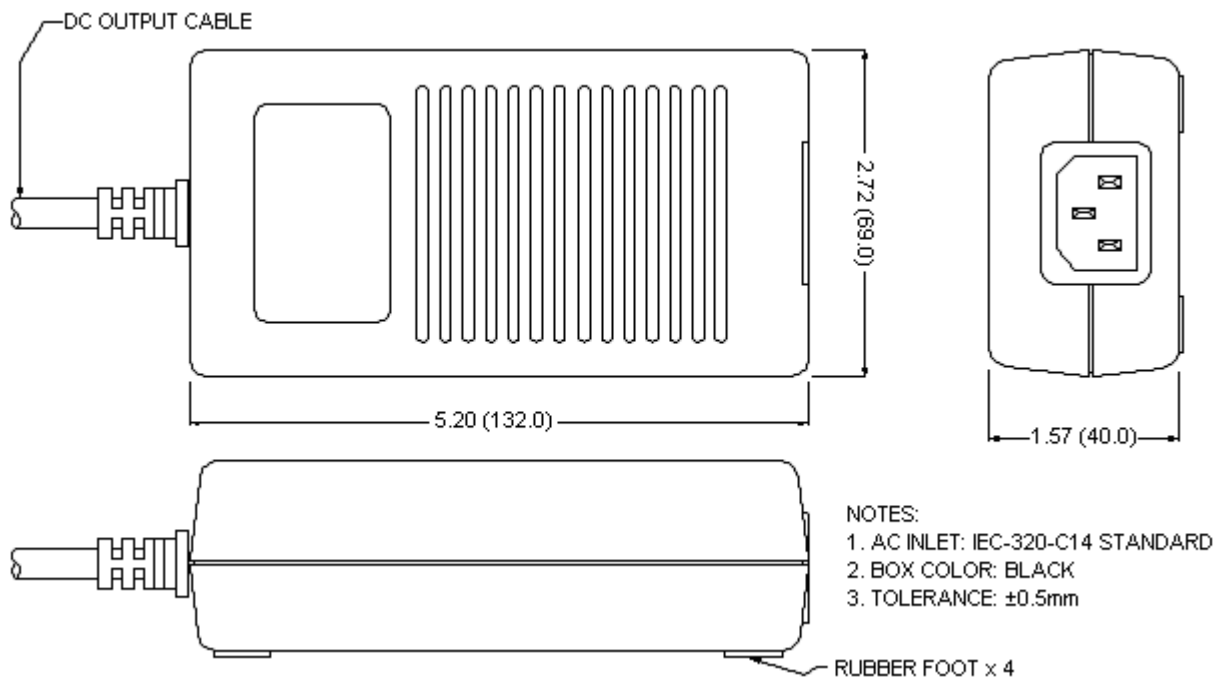
Model	Input Voltage	Output Voltage	Output Current	Output Power	Output Regulation	Ripple & Noise ⁽¹⁾
DTA-040A-01Y090	90 ~ 264 VAC	9 VDC	4.4A	40W	5%	90mVp-p
DTA-040A-01Y120		12 VDC	3.3A	40W	5%	120mVp-p
DTA-040A-01Y130		13 VDC	3.1A	40W	5%	130mVp-p
DTA-040A-01Y138		13.8 VDC	2.9A	40W	3%	140mVp-p
DTA-060A-01Y140		14 VDC	4.2A	60W	3%	140mVp-p
DTA-060A-01Y150		15 VDC	4A	60W	3%	150mVp-p
DTA-060A-01Y160		16 VDC	3.8A	60W	3%	160mVp-p
DTA-060A-01Y170		17 VDC	3.5A	60W	3%	170mVp-p
DTA-060A-01Y180		18 VDC	3.4A	60W	3%	180mVp-p
DTA-060A-01Y190		19 VDC	3.2A	60W	3%	190mVp-p
DTA-060A-01Y200		20 VDC	3.0A	60W	3%	200mVp-p
DTA-060A-01Y210		21 VDC	2.9A	60W	3%	210mVp-p
DTA-060A-01Y220		22 VDC	2.7A	60W	3%	220mVp-p
DTA-060A-01Y230		23 VDC	2.6A	60W	3%	230mVp-p
DTA-060A-01Y240		24 VDC	2.5A	60W	3%	240mVp-p

NOTES

1. Ripple and Noise is measured peak-to-peak with 20MHz bandwidth with a tantalum 10μF in parallel with a 0.1μF ceramic capacitor.
2. AC Inlet: IEC-320-C14 Standard.

MECHANICAL DRAWINGS

Unit: inches (mm)



STANDARD OUTPUT CABLE

1. AWG 1185#18AWG/1C+SHIELDING, UL 80°C 300V VW-1, 1050 mm.
2. AWG 2464#18/20AWG/4C+SHIELDING, UL 80°C 300V VW-1, 1050 mm.
3. Depends on customer's requirements.