

FEATURES:

- Single Output
- High Reliability
- With Active PFC
- RoHS / Lead Free
- Input: 90~264 VAC
- 100% Hi-Pot Tested
- 100% Burn-In Tested
- Total Power: 72~80 Watts
- AC Input: IEC 320-C14 Inlet
- Safety Approvals, EMC Compliance
- Dimensions: 132(L) x 69(W) x 40(H) mm
- Over Voltage and Short Circuit Protected



SPECIFICATIONS: DTA-080 Series

All specifications apply @ $\pm 25^{\circ}\text{C}$ ambient unless otherwise noted

INPUT SPECIFICATIONS

Input Voltage Range 90 – 264 VAC (full range)
Input Frequency 47 - 63Hz
Input Current (i_{rms}) 2A @ 90VAC; 1A @ 264VAC max.

OUTPUT SPECIFICATIONS

Output Current see table
Output Voltage see table
Voltage Regulation $\pm 5\%$
Maximum Power 80W
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% to 100% Load)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature 0°C to $+40^{\circ}\text{C}$
Storage Temperature -10°C to $+70^{\circ}\text{C}$
MTBF >80,000 hrs at FL and 25°C ambient temperature

PHYSICAL SPECIFICATIONS

Weight 12 oz
Dimensions 132(L) x 69(W) x 40(H) mm
AC Inlet IEC 320-C14

SAFETY & EMI

Safety Standards UL60950
..... CSA C22.2-No.60950
..... TUV EN60950
..... CB IEC 60950
EMI Standards FCC 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

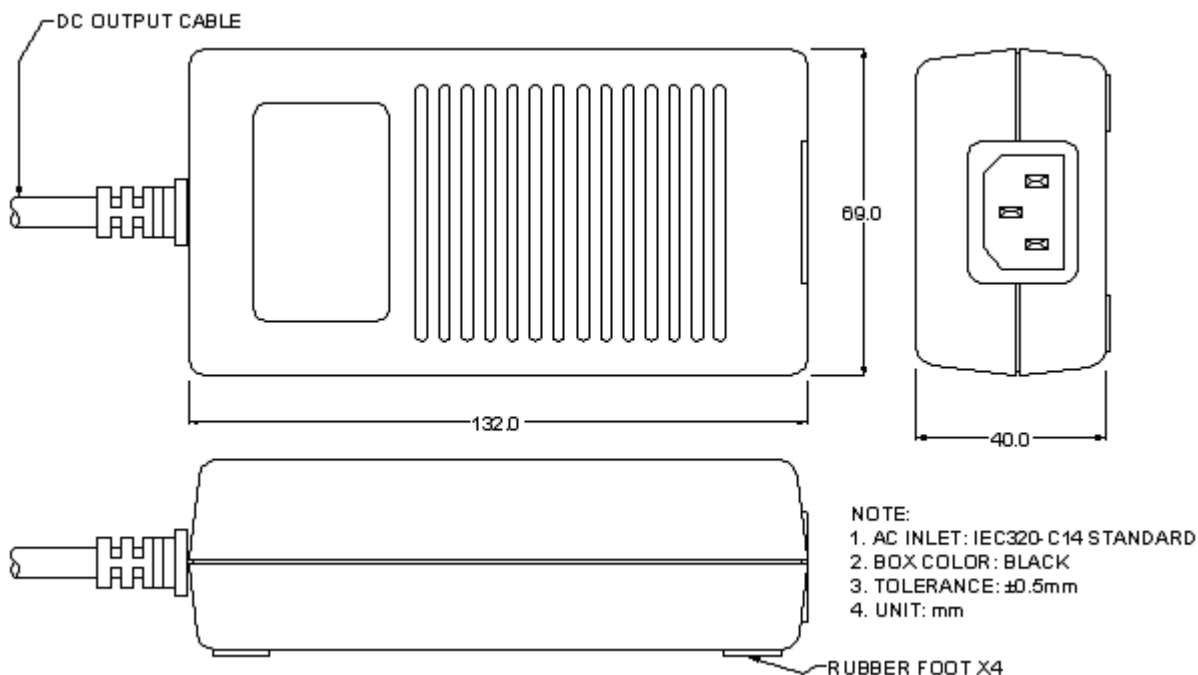
OUTPUT VOLTAGE / CURRENT RATING CHART

Model	Output Voltage	Output Current	Output Power	Output Regulation	Output Ripple & Noise
DTA-072A2-1Y09AP	9 VDC	8A	72W	5%	90mV
DTA-080A2-1Y12AP	12 VDC	6.67A	80W	5%	120mV
DTA-080A2-1Y15AP	15 VDC	5.33A	80W	5%	150mV
DTA-080A2-1Y18AP	18 VDC	4.45A	80W	5%	180mV
DTA-080A2-1Y24AP	24 VDC	3.34A	80W	5%	240mV

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.

MECHANICAL DRAWINGS



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. AWG 1571#16~18AWG/1C+SHIELDING, UL 80°C 300V VW-1, 1050 mm.
4. AWG 1571#16~18AWG/1C+SHIELDING, UL 80°C 300V VW-1, 1050 mm.