

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
 CSA C22.2-No.60950
 TUV EN 60950
 CB IEC 60950
 EMI Standards FCC Class B
 CISPR22 Class B
 EN 55022 Class B
 CE

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

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: ±0.5mm.
5. The unit is measured in mm.

MECHANICAL DRAWINGS

