

FEATURES

- High Reliability
- Universal AC Input
- 100% Hi-Pot Tested
- 100% BURN-IN Tested
- CEC and Energy Star Compliant
- AC Inlet: IEC-320-C6 or IEC-320-C8
- Safety Approvals, EMC Compliance
- Short Circuit, Over Voltage, and Over Load Protected



SPECIFICATIONS: DTA65 Series

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

INPUT SPECIFICATIONS

Input Voltage Range.....90 - 264VAC (Full Range)
Input Frequency.....47 - 63Hz
Input Current (max).....2A (rms) @ 115VAC; 1A @ 264VAC

OUTPUT SPECIFICATIONS

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

PROTECTION

Short Circuit Protection..... Auto-recovery
Over Voltage Protection..... Auto-recovery
Over Load Protection..... Auto-recovery

GENERAL SPECIFICATIONS

Efficiency..... >80% @ full load and 115VAC
No Load Power Consumption..... <500mW at 115VAC

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature..... 0°C to $+40^{\circ}\text{C}$
Storage Temperature..... -10°C to $+70^{\circ}\text{C}$
Humidity..... 20% ~ 90%
MTBF.... >80,000 hours at full load and 25°C ambient temperature

PHYSICAL SPECIFICATIONS

Weight..... less than 350 grams
Dimensions..... 108(L) x 47.5(W) x 30 (H) mm
AC Input..... IEC 320-C8 (2pin) or IEC 320-C6 (3 pin) Inlet
(see notes for suffix options)

SAFETY & EMC

Safety Standards..... UL60950-1
TUV EN60950-1
CB IEC 60950-1
CSA C22.2-No.60950-1
EMC Standards..... CE
FCC Class B
CISPR22 Class B
EN55022 Class B

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

OUTPUT VOLTAGE / CURRENT RATING CHART

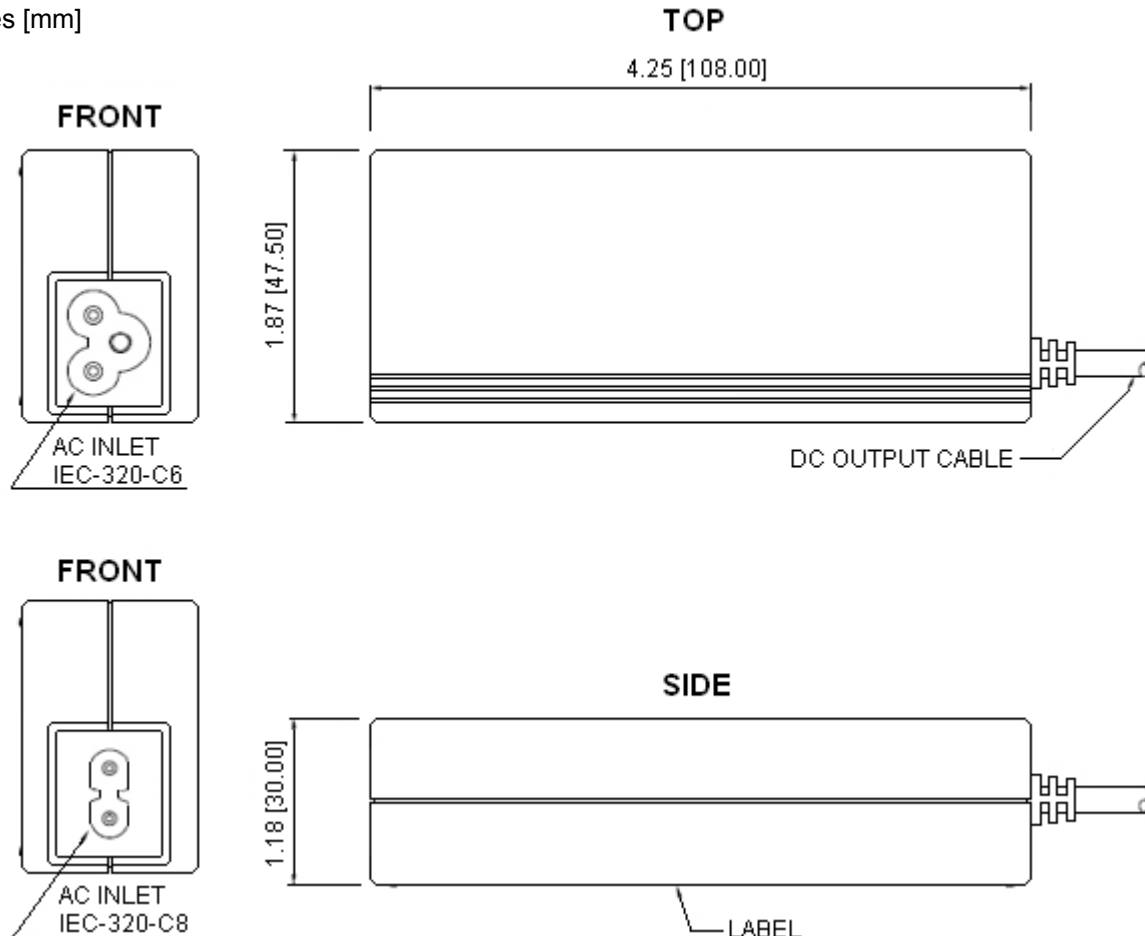
Model	Output Voltage	Output Current	Output Power	Output Regulation	Ripple & Noise	CEC	LPS
DTA040A1Y05FX	5V	8A	40W	5%	240mVp-p		
DTA060A1Y12FX	12V	5A	60W	5%	240mVp-p		
DTA060A1Y15FX	15V	4A	60W	5%	150mVp-p	•	•
DTA065A1Y19FX	19V	3.4A	64.6W	3%	150mVp-p	•	•
DTA065A1Y24FX	24V	2.7A	64.8W	3%	150mVp-p	•	•
DTA065A1Y36FX	36V	1.8A	64.8W	3%	150mVp-p	•	•
DTA065A1Y48FX	48V	1.35A	64.8W	3%	150mVp-p	•	•

NOTES

- The suffix **X** can be **0** for AC INLET: IEC 320-C8 (2PIN) or **1** for AC Inlet: IEC 320-C6 (3PIN). Contact Factory for ordering details.
- Ripple and Noise is measured at 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.

MECHANICAL DRAWING

Unit: inches [mm]



Tolerance: $\pm 0.5\text{mm}$

STANDARD OUTPUT CABLE

- AWM 1185#18AWG 1C+SHIELDING, UL 80°C 300V VW-1, 1500mm.
- AWM 2464#18AWG 3C+SHIELDING, UL 80°C 300V VW-1, 1000 mm.
- Depends on customer's requirements.