

FEATURES

- Class I
- LED option
- High Reliability
- RoHS Compliant
- AC Inlet: IEC 320-C14
- Safety Approvals, EMC Compliance
- CEC/Energy Star Level V Compliant
- Short Circuit, Over Load, and Over Voltage Protection

**SPECIFICATIONS: DTAM65 Series**

All specifications are based on 25°C, Nominal Input Voltage, and Maximum Output Current unless otherwise noted.
 We reserve the right to change specifications based on technological advances.

INPUT SPECIFICATIONS

Input Voltage Range	90 - 264VAC (Full Range)
Input Frequency	47 - 63Hz
Input Current (rms)	2A max. @90VAC, 1A @264VAC max.
Inrush Current	<50A at maximum at 115VAC, <100A at maximum at 230VAC Cold Start @25°C
Earth Leakage Current	<300uA @264VAC

OUTPUT SPECIFICATIONS

Output Current	See Table
Output Voltage	See Table
Output Regulation	5-15V Models: ±5%, 18-48V Models: ±3%
Ripple & Noise (20MHz BW)	See Table
Hold Up Time	>16ms typical at full load and 115VAC

PROTECTION

Short Circuit Protection	Auto recover
Over Load Protection	Auto recover
Over Voltage Protection	Shutdown and Latch Off, AC Recycle

GENERAL SPECIFICATIONS

Efficiency	>87% @average load, 115/230VAC (Except 5V Models)
No Load Power Consumption	<500mW

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0°C to +70°C ambient (derating at 2.5%/°C from 50°C to 70°C)
Storage Temperature	-20°C to +85°C
Humidity	20~90%
MTBF	>100,000 hours at full load and 25°C ambient temperature

PHYSICAL SPECIFICATIONS

Weight	13.76oz (390g)
Dimensions	5.2in x 2.72in x 1.57in (132mm x 69mm x 40mm)
AC Input	IEC 320-C14 Inlet

SAFETY & EMI

Safety Standards	UL60601-1 3 rd Edition ⁽⁴⁾ , CSA-C22.2 No. 60601-1 3 rd Edition, EN60601-1 3 rd Edition, IEC EN60601-1 3 rd Edition
EMC Standards	EN60601-1-2, FCC Part 18 Class B, EN55011 Class B, CE

MODEL SELECTION TABLE

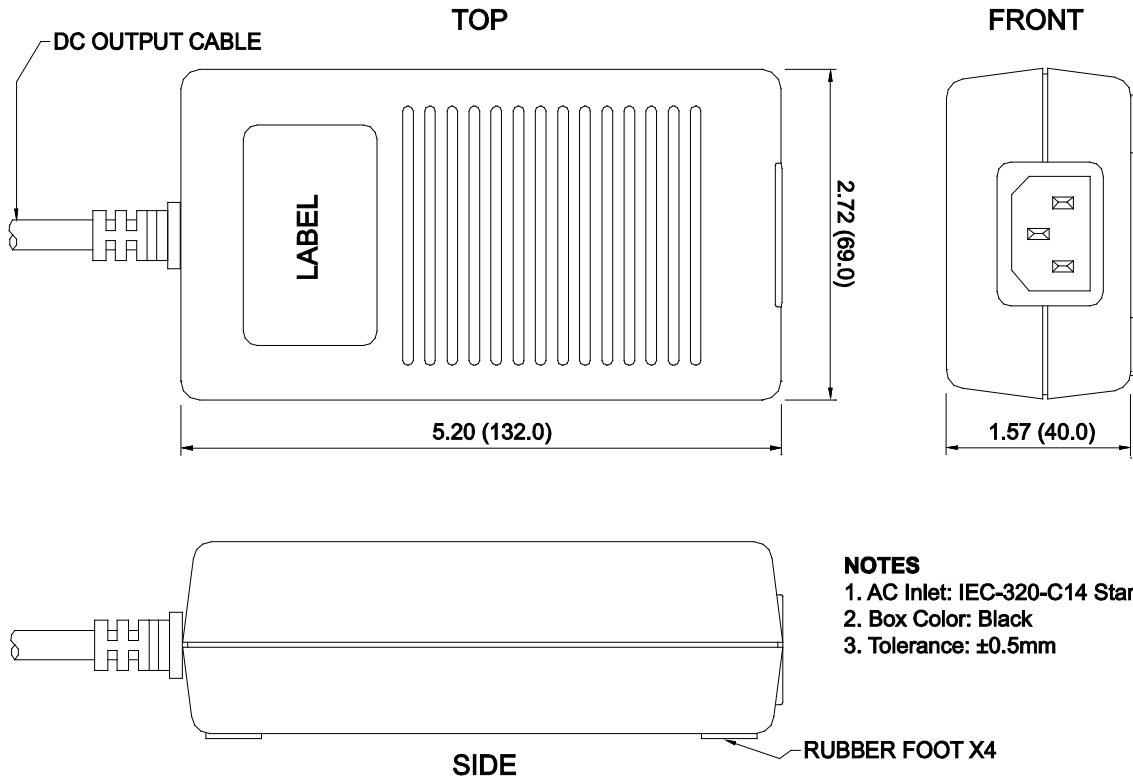
Model	Output Voltage	Output Current	Output Power	Output Regulation	Ripple & Noise
DTAM040A1Y05X ⁽²⁾	5 VDC	8A	40W	±5%	100mVp-p
DTAM060A1Y12X	12 VDC	5A	60W	±5%	120mVp-p
DTAM060A1Y15X	15 VDC	4A	60W	±5%	150mVp-p
DTAM065A1Y18X	18 VDC	3.6A	65W	±3%	180mVp-p
DTAM065A1Y24X	24 VDC	2.7A	65W	±3%	240mVp-p
DTAM065A1Y36X	36 VDC	1.8A	65W	±3%	360mVp-p
DTAM065A1Y48X	48 VDC	1.35A	65W	±3%	480mVp-p

NOTES

- The suffix **X** can be **blank** for no LED or **L** for a green LED. Contact factory for ordering details.
 - DTAM040A1Y05X does not meet CEC/Energy Star Level V requirements. All other models meet CEC/Energy Star Level V requirements.
 - Ripple & Noise is measured at 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.
 - This product is Listed to applicable standards and requirements by UL.
- Due to advances in technology, specifications are subject to change without notice.*

MECHANICAL DRAWING

Unit: inches (mm)



STANDARD OUTPUT CABLES:

- AWM 1185#18AWG 1C+SHIELDING, UL 80°C 300V VW-1, 1800mm.
- AWM 1571#14~16AWG 1C+SHIELDING, UL 80°C 30V VW-1, 1800mm
- Depends on customer requirements.



Wall Industries, Inc.

Rev D

DTAM65 Series
Up to 65 Watts
Class I, Single Outputs
AC/DC Medical Desktop Adapter

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:

Phone: ☎(603)778-2300
Toll Free: ☎(888)597-9255
Fax: ☎(603)778-9797
E-mail: sales@wallindustries.com
Web: www.wallindustries.com
Address: 37 Industrial Drive
Exeter, NH 03833

©2019 Wall Industries, Inc. Specifications subject to change without notice. Wall Industries is not responsible for typographical errors. The information contained herein is for informational purposes only. This information is provided by Wall Industries and we make no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, suitability or availability with respect to the information contained in this document for any purpose. All product and manufacturer names are trademarks or registered trademarks of their respective companies.