



Size: 5.2in x 2.72in x 1.57in (132mm x 69mm x 40mm)

**FEATURES**

- Input Range of 90~264VAC
- 3-Pole IEC320-C14 AC inlet, Class I
- Output Voltage Range from +5V to +52V
- Meets Efficiency Level VI & CoC V5 Tier 2 Requirements
- Power ON LED indicator
- Short Circuit, Over Load, and Over Voltage Protection
- RoHS Compliant
- UL 60950-1, CSA C22.2-No.60950-1, Nemka EN60950-1, and CB IEC 60950-1 Safety Approvals

**DESCRIPTION**

The DTA-065A3 series of AC/DC desktop power supplies provides 40-65 Watts of continuous output power in a 5.2" x 2.72" x 1.57" package. This series consists of single output models with a wide input voltage range of 90~264VAC and RoHS compliance. All models in this series includes an IEC320-C14 AC inlet, short circuit, over load, and over voltage protection, as well as an LED power On indicator. All models have UL 60950-1, CSA C22.2-No.60950-1, Nemka EN60950-1, and CB IEC 60950-1 safety approvals.

**MODEL SELECTION TABLE**

Model Number	Input Voltage Range	Output Voltage	Output Current	Ripple & Noise <sup>(1)</sup>	Output Power	Efficiency
DTA-040A3-1Y050A	90-264VAC	5V	8A	50mV	40W	VI
DTA-040A3-1Y080A		8V	5A	80mV	40W	VI
DTA-065A3-1Y120A		12V	5.41A	120mV	65W	VI
DTA-065A3-1Y150A		15V	4.33A	150mV	65W	VI
DTA-065A3-1Y190A		19V	3.43A	190mV	65W	VI
DTA-065A3-1Y240A		24V	2.71A	240mV	65W	VI
DTA-065A3-1Y360A		36V	1.81A	240mV	65W	VI
DTA-065A3-1Y480A		48V	1.36A	240mV	65W	VI

**SPECIFICATIONS**

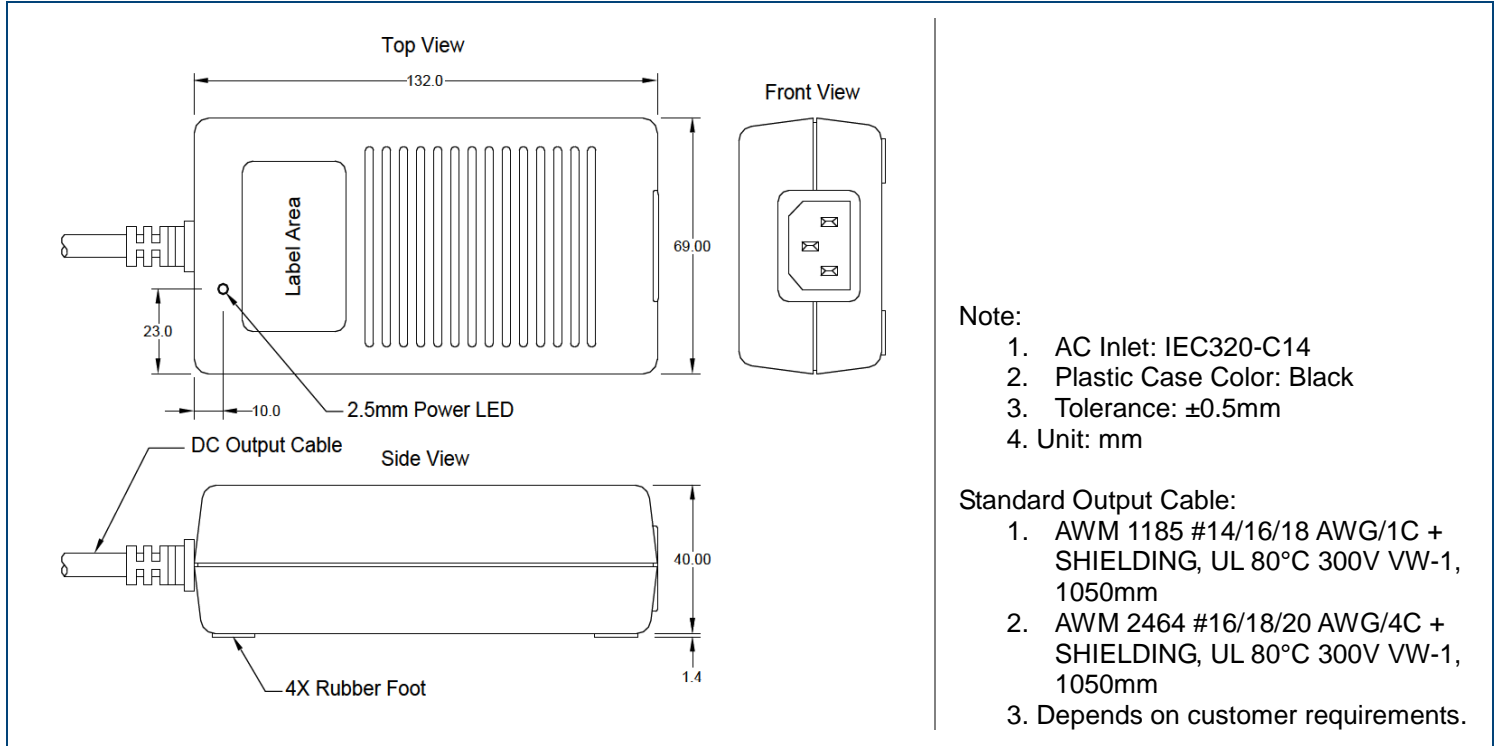
All specifications are based on 25°C, Nominal Input Voltage, and Maximum Output Current unless otherwise noted.  
 We reserve the right to change specifications based on technological advances.

SPECIFICATION	TEST CONDITIONS	Min	Typ	Max	Unit
<b>INPUT SPECIFICATIONS</b>					
Input Voltage Range		90		264	VAC
Input Current (rms)	@90VAC			2	A
	@264VAC			1	
Frequency		47		63	Hz
Inrush Current	Peak at 115VAC, cold start, @25°C		<50		A
	Peak at 230VAC, cold start @25°C		<100		
<b>OUTPUT SPECIFICATIONS</b>					
Output Voltage		+5		+52	V
Output Regulation			±5		%
Output Current		See Table			
No Load Consumption				150	mW
Output Power		See Table			
Ripple & Noise <sup>(1)</sup>		See Table			
Hold-Up Time	@Full Load, 115VAC		>10		mS
<b>PROTECTION</b>					
Short Circuit Protection		Auto-Recovery			
Over Load Protection		Auto-Recovery			
Over Voltage Protection		Shut Down and Latch Off, AC Recycle			
<b>ENVIRONMENTAL SPECIFICATIONS</b>					
Operating Temperature	Derate Linearly 2.5% per °C from 51 to 70°C	0		+70	°C
Storage Temperature		-10		85	°C
Humidity		10		90	%
MTBF	@Full Load and 25°C ambient temperature		>140,000		Hrs
<b>GENERAL SPECIFICATIONS</b>					
Efficiency	@Average Load, 115/230VAC	89			%
<b>PHYSICAL SPECIFICATIONS</b>					
Weight		13.76oz (390g)			
Dimensions (L x W x H)		5.2in x 2.72in x 1.57in (132mm x 69mm x 40mm)			
<b>SAFETY &amp; EMC CHARACTERISTICS</b>					
Safety Approvals	UL 60950-1, CSA C22.2-No.60950-1, Nemko EN60950-1, CB IEC 60950-1				
EMC Standards	FCC, CISPR22, EN 55022				Class B
	CE				

**NOTES**

- (1) Ripple and Noise are measured at oscilloscope 20MHz bandwidth by a 10µF electrolytic capacitor and a 0.1µF ceramic capacitor in parallel at output connector.

**MECHANICAL DRAWINGS**



**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 ISO9001-2008 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:

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