

FEATURES

- Single Output
- Economy Type
- Class I Insulation
- RoHS Compliance
- IEC-320-C14 (3 Pin) AC Inlet Connector
- CEC Efficiency Regulations Compliance (Optional)
- Applications: POS, LCD, Printers, IT, Scanners, NB
- Over Voltage and Over Current Protective Installation

*Fanless operation***DESCRIPTION**

The DTEA11801 series of AC/DC desktop power supplies provides up to 180 watts of output power. All models have a single output, universal input, and an IEC-320-C14 (3 pin) AC inlet connector. This series is CEC compliant (optional), RoHS compliant, and has over voltage and over current protection.

SPECIFICATIONS: DTEA11801 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 (Limit)	90 ~ 264VAC
Input Frequency	47 ~ 63Hz
OUTPUT SPECIFICATIONS	
Output Current	See Table
Output Voltage	See Table
Line Regulation	1% max.
Load Regulation	±5%
Output Power	See Table
Ripple & Noise (20MHz BW)	1.5% max.
PROTECTION	
Over Voltage Protection	Yes
Over Current Protection	Yes
GENERAL SPECIFICATIONS	
Efficiency	See Table
Class I or Class II	Class I
LED Indication	Yes
Fan	No
ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature	0°C to +40°C
Storage Temperature	-20°C to +85°C
MTBF	50,000 hours
PHYSICAL SPECIFICATIONS	
Dimensions	6.69(L) x 2.83(W) x 1.63(H) inches 170(L) x 72(W) x 41.5(H) mm
AC Inlet Connector	IEC-320-C14 Inlet
Standard Plug	Optional
Weight	820 grams
SAFETY & EMC	
Safety Standards	UL60950-1, EN60950-1, IEC60950-1
Safety / EMC	UL/CUL, CE, FCC, CB,
Safety Standards	UL60065 ⁽¹⁾ , EN60065, IEC60065

NOTES

1. This product is Listed to applicable standards and requirements by UL.

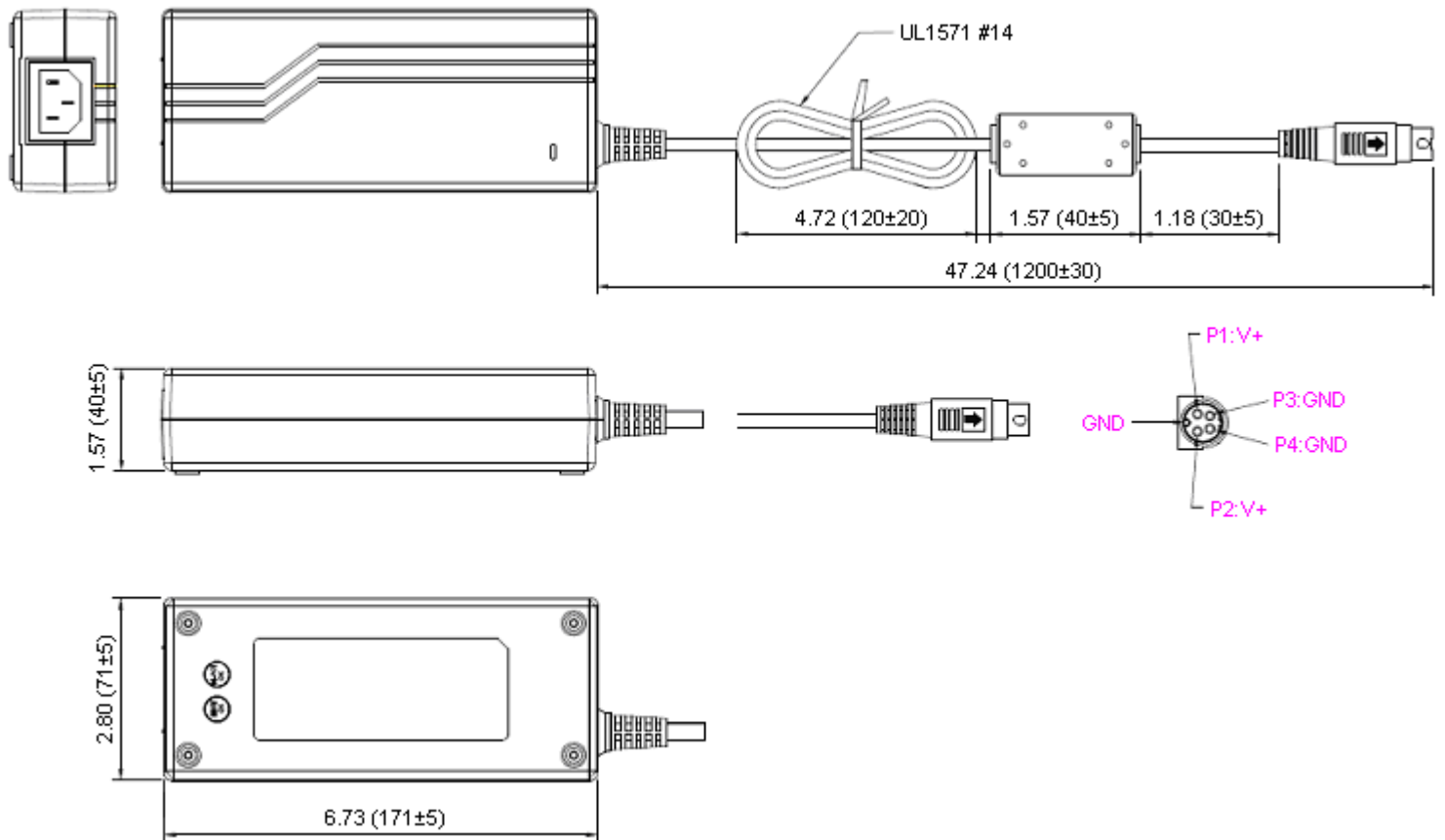
**Due to advances in technology, specifications subject to change without notice.*

OUTPUT VOLTAGE / CURRENT RATING CHART

Model	Output Voltage	Max. Output Current	Max. Output Power	Efficiency (Typ)
DTEA11801A-120	12 VDC	12.5A	150W	85%
DTEA11801B-120	12 VDC	10.83A	130W	85%
DTEA11801C-180	18 VDC	9.47A	170W	85%
DTEA11801D-180	18 VDC	8.33A	150W	85%
DTEA11801E-190	19 VDC	9.47A	180W	85%
DTEA11801F-190	19 VDC	7.89A	150W	85%
DTEA11801G-200	20 VDC	9.0A	180W	85%
DTEA11801H-200	20 VDC	7.5A	150W	85%
DTEA11801M-240	24 VDC	7.5A	180W	85%
DTEA11801N-240	24 VDC	6.25A	150W	85%

MECHANICAL DRAWING

Unit: inches (mm)





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

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