



Wall Industries, Inc.

Rev. B

DTA36 Series  
20 ~ 30 Watts  
Single Output  
AC/DC Desktop Power Supply

## FEATURES

- Single Output
- Energy Star Compliant
- Short Circuit Protected
- Output Current from 1.5 ~ 4A
- Output Voltages from 5 ~ 24VDC
- AC Inlet: IEC-320-C6 or IEC-320-C8



## DESCRIPTION

The DTA36 Series has output power that ranges from 20~36 watts. These supplies have single outputs and are short circuit protected. Output voltages are available from 5VDC to 24VDC. This series also comes with the option of either an IEC-320-C8 or IEC-320-C6 AC inlet connector. All supplies are Energy Star compliant. Contact our sales department for further information.



## SPECIFICATIONS: DTA36 Series

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

### INPUT SPECIFICATIONS

|                       |                   |
|-----------------------|-------------------|
| Input Range .....     | 100-240VAC        |
| Input Frequency ..... | 47-63Hz           |
| Inrush Current .....  | 30A max. @ 115VAC |
| Leakage Current ..... | 0.25mA max        |

### OUTPUT SPECIFICATIONS

|                                |               |
|--------------------------------|---------------|
| Output Current .....           | see table     |
| Line Regulation .....          | $\pm 1\%$     |
| Load Regulation .....          | $\pm 5\%$     |
| Ripple/Noise (20 MHz BW) ..... | 1%            |
| Hold Up Time .....             | 10ms @ 115VAC |

### PROTECTION

|                                |            |
|--------------------------------|------------|
| Short Circuit Protection ..... | Continuous |
| Over Voltage Protection .....  | Option     |

### GENERAL SPECIFICATIONS

|                            |                   |
|----------------------------|-------------------|
| Isolation Resistance ..... | 10M ohms @ 500VDC |
|----------------------------|-------------------|

### ENVIRONMENTAL SPECIFICATIONS

|                             |                                |
|-----------------------------|--------------------------------|
| Operating Temperature ..... | 0 ~ $+40^{\circ}\text{C}$      |
| Storage Temperature .....   | $-25 \sim +95^{\circ}\text{C}$ |

### PHYSICAL SPECIFICATIONS

|                              |                                               |
|------------------------------|-----------------------------------------------|
| Weight .....                 | 205g                                          |
| Dimensions (L x W x H) ..... | 4.33 x 1.97 x 1.18 inches<br>110 x 50 x 30 mm |
| AC Inlet .....               | IEC-320-C8 (Y) or IEC-320-C6 (M)              |

### SAFETY

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| EMI Conduction .....   | FCC part 15J Class B and CISPR22<br>(EN55022) Class B |
| Safety Approvals ..... | UL/CUL, TUV/GS, CE, PSE, LPS, LVD, CB                 |

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



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## OUTPUT VOLTAGE / CURRENT RATING CHART

| Model      | Output Voltage | Output Current | Ripple & Noise | Line Regulation | Load Regulation |
|------------|----------------|----------------|----------------|-----------------|-----------------|
| DTAF3605-X | 5 V            | 0 ~ 4.0A       | 50mV           | ± 1%            | ± 5%            |
| DTAF3606-X | 6V             | 0 ~ 4.0A       | 60mV           | ± 1%            | ± 5%            |
| DTAF3607-X | 7V             | 0 ~ 3.5A       | 70mV           | ± 1%            | ± 5%            |
| DTAF3675-X | 7.5V           | 0 ~ 3.5A       | 75mV           | ± 1%            | ± 5%            |
| DTAG3609-X | 9V             | 0 ~ 4.0A       | 90mV           | ± 1%            | ± 5%            |
| DTAG3610-X | 10V            | 0 ~ 3.6A       | 100mV          | ± 1%            | ± 5%            |
| DTAG3611-X | 11V            | 0 ~ 3.3A       | 110mV          | ± 1%            | ± 5%            |
| DTAH3612-X | 12V            | 0 ~ 3.0A       | 120mV          | ± 1%            | ± 5%            |
| DTAH3613-X | 13V            | 0 ~ 2.7A       | 130mV          | ± 1%            | ± 5%            |
| DTAH3614-X | 14V            | 0 ~ 2.5A       | 140mV          | ± 1%            | ± 5%            |
| DTAH3615-X | 15V            | 0 ~ 2.4A       | 150mV          | ± 1%            | ± 5%            |
| DTAJ3616-X | 16V            | 0 ~ 2.2A       | 160mV          | ± 1%            | ± 5%            |
| DTAJ3617-X | 17V            | 0 ~ 2.1A       | 170mV          | ± 1%            | ± 5%            |
| DTAJ3618-X | 18V            | 0 ~ 2.0A       | 180mV          | ± 1%            | ± 5%            |
| DTAJ3619-X | 19V            | 0 ~ 1.8A       | 190mV          | ± 1%            | ± 5%            |
| DTAK3624-X | 24V            | 0 ~ 1.5A       | 240mV          | ± 1%            | ± 5%            |

## NOTES

1. The DTA36 Series is designated as DTAz36y-x where **z** represents the different output voltage sections: F (5-8V), G (9-11V), H (12-15V), J (16-19V), or K (24V). **Y** represents the output voltage and **x** determines the type of AC inlet connector, which can either be **Y** (IEC-320-C8) or **M** (IEC-320-C6).
2. Powered by an ENERGY STAR® qualified adaptor for a better environment.

## MECHANICAL DRAWING

Unit: inches [mm]



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