

FEATURES

- Single Output
- Energy Star Compliant
- Short Circuit Protected
- Output Current from 1.2~3A
- IEC-320-C8 AC Inlet Connector
- Output Voltages from 5~15VDC



DESCRIPTION

The DTA18-Y Series offers 15 to 18 Watts in a universal input single output desktop power supply. Output voltages are available from 5VDC to 15VDC. This series is Energy Star Compliant and also has short circuit protection. All models come with an IEC-320-C8 AC inlet connector.



LISTED
E227163
43DG
I.T.E.



SPECIFICATIONS: DTA18-Y Series

All specifications apply @ ±25°C ambient unless otherwise noted



INPUT SPECIFICATIONS

Input Range	100 - 240VAC
Input Frequency	50-60Hz
Leakage Current	0.25mA max
Inrush Current	30A max @ 115VAC

OUTPUT SPECIFICATIONS

Output Current	see table
Output Voltage	see table
Line Regulation	±1%
Load Regulation	±5%
Ripple/Noise (20 MHz BW)	1%
Hold Up Time	10ms @ 115VAC

PROTECTION

Short Circuit Protection	Continuous
Over Voltage Protection	Option

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0 ~ +40°C
Storage Temperature	-25 ~ +85°C

PHYSICAL SPECIFICATIONS

Weight	123.2g
Dimensions	2.91 x 1.85 x 1.06 inches 74 x 47 x 27 mm
AC Inlet Connector	IEC-320-C8

SAFETY

EMI Conduction	CISPR22 class B
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Due to advances in technology, specifications subject to change without notice



Wall Industries, Inc.

Rev. B

DTA18-Y Series
15-18 Watts
Single Output
AC/DC Desktop Power Supply

OUTPUT VOLTAGE / CURRENT RATING CHART

Model	Output Voltage	Output Current	Ripple & Noise	Line Regulation	Load Regulation
DTAF1805-Y	5 VDC	0 ~ 3.00A	50mV	± 1%	± 5%
DTAF1806-Y	6 VDC	0 ~ 2.50A	60mV	± 1%	± 5%
DTAF1807-Y	7 VDC	0 ~ 2.14A	70mV	± 1%	± 5%
DTAF1808-Y	8 VDC	0 ~ 1.87A	80mV	± 1%	± 5%
DTAG1809-Y	9 VDC	0 ~ 2.00A	90mV	± 1%	± 5%
DTAG1810-Y	10 VDC	0 ~ 1.80A	100mV	± 1%	± 5%
DTAG1811-Y	11 VDC	0 ~ 1.63A	110mV	± 1%	± 5%
DTAH1812-Y	12 VDC	0 ~ 1.50A	120mV	± 1%	± 5%
DTAH1813-Y	13 VDC	0 ~ 1.38A	130mV	± 1%	± 5%
DTAH1814-Y	14 VDC	0 ~ 1.28A	140mV	± 1%	± 5%
DTAH1815-Y	15 VDC	0 ~ 1.20A	150mV	± 1%	± 5%

NOTES

1. The DTA18-Y Series is designated as DTAx18z-Y where **x** represents the different output voltage sections: F (5-8V), G (9-11V), H (12-15V). **Z** can be 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, or 15 for output voltage and **Y** represents the AC inlet connector (IEC-320-C8).
2. Powered by an ENERGY STAR® qualified adaptor for a better environment.