



Volgen 24 Watt Desktop Series

Desktop Type www.volgen.com

Green Mode

Meet CEC, Energy Star & ERP Regulations
No Load Power Consumption Less Than 0.3W

Features:

- 100-240VAC Universal Input
- Single Output to 24W
- Regulated Output with Low Ripple Noise
- Meets Safety Agency Requirements and Complies EMI/EMS, CEC V
- Modified and Custom Designs Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
KTPS24-0540DT-2P	5.0V	4.0A	20.0 W
KTPS24-0635DT-2P	5.9V	3.5A	20.65 W
KTPS24-0730DT-2P	7.0V	3.0A	21.0 W
KTPS24-7530DT-2P	7.5V	3.0A	22.5W
KTPS24-0925DT-2P	9.0V	2.5A	22.5 W
KTPS24-9525DT-2P	9.5V	2.5A	23.75 W
KTPS24-1220DT-2P	12.0V	2.0A	24.0 W
KTPS24-1516DT-2P	15.0V	1.6A	24.0 W
KTPS24-2410DT-2P	24.0V	1.0A	24.0 W
KTPS24-4805DT-2P	48.0V	0.5A	24.0 W

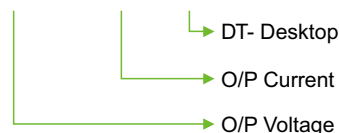
Input

Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	0.58A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC320/ C8

Output

Load Regulation	± 5% (Typical)
Ripple	1~2% V p-p Max. for Output Voltage @ Full Load
Transient Response	0.5ms for 50% Load Change Typical
Holdup Time	10mS @ Full Load
Protection	Short Circuit Protection/ Over Voltage Protection/ Over Current Protection
DC Cord	22AWG / 20AWG / 18AWG
Ferrite Core	No (Optional)

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Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / RCM / CCC / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	0.25mA @ 2 Pin
Efficiency	Meet Energy Star Level V & ERP Stage 2 & MEPS
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11
MTBF	50,000 Calculated Hours at 25°C, by MIL-HDBK-217F

Environmental

Operating Temperature	0 to +40°C
Storage Temperature	-20 to + 80°C
Relative Humidity	Operating: 20 to 80% RH Storage: 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical

Case Dimensions	L88 x W50 x H34 (mm)
Weight	166g (reference)