



Volgen 10 Watt Series

Wall Mount Type

www.volgen.com

USA / Japan / Taiwan / Europe / U.K.

Green Mode

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

Features:

- 100-240VAC Universal Input
- Single Output to 10W
- Regulated Output with Low Ripple Noise
- Meets Safety Agency Requirements and Complies EMI/EMS,
- Modified and Custom Designs Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
KTPS10-03320WA	3.3V	2.0A	6.60W
KTPS10-0452WA	4.5V	2.0A	9.00W
KTPS10-05020WA	5.0V	2.0A	10.00W
KTPS10-05026WA	5.0V	2.5A	12.50W
KTPS10-06020WA	6.0V	2.0A	12.00W
KTPS10-07514WA	7.5V	1.4A	10.50W
KTPS10-08413WA	8.4V	1.3A	10.92W
KTPS10-09012WA	9.0V	1.2A	10.80W
KTPS10-12010WA	12.0V	1.0A	12.00W
KTPS10-13508WA	13.5V	0.8A	10.80W
KTPS10-15008WA	15.0V	0.8A	12.00W
KTPS10-18006 WA	18.0V	0.66A	11.88W
KTPS10-24005WA	24.0V	0.5A	12.00W

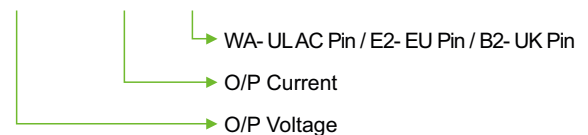
Input

Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	0.31A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
AC Inlet	WA for UL AC Pin (Side) E2 for EU Pin B2 for UK Pin

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	Yes

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Safety Approvals

For USA- CB / UL / cUL / FCC / PSE / BSMI / LPS

For Europe- CB / GS / CE / LPS

For U.K.- CB / CE / 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
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	U2 - L 72 x W 34 x H 59 (mm) E2 - L 72 x W 34 x H 80 (mm) B2 - L 72 x W 50 x H 72 (mm)
Weight	U2:126g / E2:128g / B2:130g (reference)

