



Volgen 24 Watt Series

AC Prong Changeable

Wall Mount Type

www.volgen.com

Green Mode

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

KTPS24-□□□ □□ □

→ MP- Changeable Plug

→ O/P Current

→ O/P Voltage

Features:

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

Safety Approvals

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

For Europe - CB / GS / CE / LPS

For U.K. - CB / CE / LPS

For Australia - CB / RCM* / LPS*

For China - CB / CCC*

For Korea - CB / EK*

* apply upon customer request

Model	O/P Voltage	O/P Current	Watt
KTPS24-05040MP	5.0V	4.0A	20.0 W
KTPS24-06035MP	5.9V	3.5A	20.65 W
KTPS24-07030MP	7.0V	3.0A	21.0 W
KTPS24-07530MP	7.5V	3.0A	22.5 W
KTPS24-09025MP	9.0V	2.5A	22.5 W
KTPS24-09525MP	9.5V	2.5A	23.75 W
KTPS24-12020MP	12.0V	2.0A	24.0 W
KTPS24-15016MP	15.0V	1.6A	24.0 W
KTPS24-24010MP	24.0V	1.0A	24.0 W
KTPS24-48005MP	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	MP for UL AC Pin (Frontal) E for EU Pin B for UK Pin A for AU Pin C for CN Pin K for KR 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	No (Optional)

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	L76 x W52 x H39 (mm)
Weight	158g (reference)

