

24 Watt Universal Input, Wall Mount Adapter

INPUT SPECIFICATIONS

All specifications are typical at nominal input, full load.

INPUT SPECIFICATIONS

Input Voltage	AC 100 – 240VAC
Input Frequency	50 – 60Hz
Input Current	0.58A Max
Protection	Internal Primary Current Fuse Inrush Limiting

OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Efficiency	CEC Level V, ErP Stage 2 & MEPS
Protection	Short Circuit Protection Over Current Protection Over Voltage Protection
Ripple	1 – 2 % Vp-p (max)
Hold-Up Time	10 mS (min)
Transient Response	0.5mS for 50% Load Change(typ)
Load Regulation	± 5% (typ)
Leakage Current	0.25mA

GENERAL SPECIFICATIONS

MTBF(Calculated)	50,000 Hours Calculated hours at 25°C by MIL-HDBK-217F
Dielectric Withstanding Voltage	3,000 VAC Primary – Secondary
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
Safety Approvals	UL/cUL



FEATURES

- UNIVERSAL INPUT (AC100-240V)
- OVERVOLTAGE PROTECTION
- OVERCURRENT PROTECTION
- SHORT CIRCUIT PROTECTION
- ROHS COMPLIANT
- CEC LEVEL V
- MEPS

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0°C~+40°C
Storage Temperature	-20°C ~ +80°C
Cooling.	Convection
Operating Humidity	20 – 80% Rh
Storage Humidity	10 – 90% Rh

MECHANICAL SPECIFICATIONS

Case Dimension	L72 x W34 x H69 (mm)
Input Configuration	US AC Input Standard (UK, EU & AUS Version Available)
DC Cord	18AWG (Optional 20 & 22 AWG)
Output Connector	5.5 x 2.1 x 9.5mm C+

Model Number	Output Voltage	Output Current	Max Output Power
KTPS24-05040WA	5.0V	4.0A	20.00W
KTPS24-06035WA	5.9V	3.5A	20.65W
KTPS24-07030WA	7.0V	3.0A	21.00W
KTPS24-07530WA	7.5V	3.0A	22.50W
KTPS24-09025WA	9.0V	2.5A	22.50W
KTPS24-09525WA	9.5V	2.5A	23.75W
KTPS24-12020WA	12.0V	2.0A	24.00W
KTPS24-15016WA	15.0V	1.6A	24.00W
KTPS24-24010WA	24.0V	1.0A	24.00W
KTPS24-48005WA	48.0V	0.5A	24.00W

Note: Optional UK, EU, AUS Input Configuration Available.

Mechanical Drawing:

