



KTPS24 Series

24 Watt Universal Input, Wall-mount Adapters With Interchangeable AC plug

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 @ 2 pin

GENERAL SPECIFICATIONS

MTBF(Calculated)	50,000 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/CE/CB/GS/PSE/FCC



FEATURES

- UNIVERSAL INPUT (AC100-240V)
- CEC LEVEL V
- OVER VOLTAGE PROTECTION
- OVER CURRENT PROTECTION
- SHORT CIRCUIT PROTECTION
- ROHS COMPLIANT

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	L76 x W52 x H39(mm)
Available Input Connectors	USA, EU, UK, AUS, CHN, KOR
DC Cord	18AWG (Optional 20 & 22 AWG)
Output Connector	5.5 x 2.1 x 9.5 mm C+

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

Mechanical Drawing:

