



KTPS05 Series

5 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	0.19A Max
Protection	Internal Primary Current Fuse Inrush Limiting

OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Efficiency	CEC Level V, ErP Stage 2 Certified
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)	300,000 Hours Calculated hours at 25°C by Telcordia SR-332
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
- ROHS COMPLIANT
- CEC LEVEL V

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	L52 x W29 x H63 (mm)
Input Configuration	IEC320-C14 Optional(C6, C8, C18)
DC Cord	20AWG (Optional 22 AWG)
Output Connector	5.5 x 2.1 x 9.5mm C+

Model Number	Output Voltage	Output Current	Max Output Power
KTPS05-03015U	3.0V	1.5A	4.50W
KTPS05-03315U	3.3V	1.5A	4.95W
KTPS05-04215U	4.2V	1.5A	6.30W
KTPS05-04515U	4.5V	1.5A	6.75W
KTPS05-05010U	5.0V	1.0A	5.00W
KTPS05-05015U	5.0V	1.5A	7.50W
KTPS05-06012U	6.0V	1.2A	7.20W
KTPS05-07510U	7.5V	1.0A	7.50W
KTPS05-09006U	9.0V	0.6A	5.40W
KTPS05-12006U	12.0V	0.6A	7.20W
KTPS05-15005U	15.0V	0.5A	7.50W

Note: Optional UK, EU, and US(Frontal) Input Configuration Available.

Mechanical Drawing:

