



# KTPS36/40/50 Series

## 36 - 50 Watt Universal Input, Desktop 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	1.2A Max
Protection	Internal Primary Current Fuse Inrush Limiting

### OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Efficiency	CEC Level V, ErP Stage 2, GEMS
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 3.5mA @ 3 pin

### GENERAL SPECIFICATIONS

MTBF(Calculated)	300,000 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/CE/CB/GS/PSE/FCC



### FEATURES

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

### 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	L115 x W53 x H38(mm)
Input Configuration	IEC320-C14 (Optional C6 & C8)
DC Cord	18AWG (Optional 20 AWG)
Output Connector	5.5 x 2.1 x 9.5 mm C+

Model Number	Output Voltage	Output Current	Max Output Power
KTPS36-0940DT-3P	9.0V	4.00A	36.0W
KTPS40-1233DT-3P	12.0V	3.30A	39.6W
KTPS45-0950DT-3P	9.0V	5.00A	45.0W
KTPS50-1242DT-3P	12.0V	4.20A	50.0W
KTPS50-13537DT-3P	13.5V	3.71A	50.0W
KTPS50-1533DT-3P	15.0V	3.34A	50.0W
KTPS50-1827DT-3P	18.0V	2.78A	50.0W
KTPS50-1926DT-3P	19.0V	2.64A	49.0W
KTPS50-2025DT-3P	20.0V	2.50A	50.0W
KTPS50-2421DT-3P	24.0V	2.10A	50.0W
KTPS50-4810DT-3P	48.0V	1.05A	48.0W

## Mechanical Drawing:

