

## 24 Watt Universal Input, Desktop Adapter

### INPUT SPECIFICATIONS

All specifications are typical at nominal input, full load.

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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, 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

### 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	L88 x W50 x H34(mm)
Input Configuration	IEC320-C8
DC Cord	18AWG (Optional 20 & 22 AWG)
Output Connector	5.5 x 2.1 x 9.5 mm C+



# KTPS24 Series

Model Number	Output Voltage	Output Current	Max Output Power
KTPS24-0540DT-2P	5.0V	4.0A	20.00W
KTPS24-0635DT-2P	5.9V	3.5A	20.65W
KTPS24-0730DT-2P	7.0V	3.0A	21.00W
KTPS24-7530DT-2P	7.5V	3.0A	22.50W
KTPS24-0925DT-2P	9.0V	2.5A	22.50W
KTPS24-9525DT-2P	9.5V	2.5A	23.75W
KTPS24-1220DT-2P	12.0V	2.0A	24.00W
KTPS24-1516DT-2P	15.0V	1.6A	24.00W
KTPS24-2410DT-2P	24.0V	1.0A	24.00W
KTPS24-4805DT-2P	48.0V	0.5A	24.00W

## Mechanical Drawing:

