

## Excellent Integrated System Limited

Stocking Distributor

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[Volgen/Division of Kaga Electronics USA](#)  
[KTPS10-03320WA](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



## KTPS10 Series

### 10 Watt Universal Input, Wall Mount 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	0.31A 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

#### FEATURES

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

#### 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

#### 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 H59 (mm)
Input Configuration	US AC Input Standard (UK & EU Version Available)
DC Cord	18AWG (Optional 20 & 22 AWG)
Output Connector	5.5 x 2.1 x 9.5mm C+



## KTPS10 Series

Model Number	Output Voltage	Output Current	Max Output Power
KTPS10-03320WA	3.3V	2.00A	6.60W
KTPS10-0452WA	4.5V	2.00A	9.00W
KTPS10-05020WA	5.0V	2.00A	10.00W
KTPS10-05026WA	5.0V	2.50A	12.50W
KTPS10-06020WA	6.0V	2.00A	12.00W
KTPS10-07514WA	7.5V	1.40A	10.50W
KTPS10-08413WA	8.4V	1.30A	10.92W
KTPS10-09012WA	9.0V	1.20A	10.80W
KTPS10-12010WA	12.0V	1.00A	12.00W
KTPS10-13508WA	13.5V	0.80A	10.80W
KTPS10-15008WA	15.0V	0.80A	12.00W
KTPS10-18006WA	18.0V	0.66A	11.88W
KTPS10-24005WA	24.0V	0.50A	12.00W

Note: Optional UK, EU Input Configuration Available.

### Mechanical Drawing:

