



# KTPS12 Series

CEC/DoE Level VI

## 12 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	DoE Level VI, Energy Star, ErP Stage 2, NRCan
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/PSE/FCC

### FEATURES

- CEC/DoE LEVEL VI
- UNIVERSAL INPUT (AC100-240V)
- 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	L72 x W34 x H59(mm)
DC Cord	22 / 20 / 18 AWG
Output Connector	See Chart
Ferrite Core	Yes
Weight	126g(Ref)

Model Number	Output Voltage	Output Current	Max Output Power
KTPS12-03320WA-VI-P1	3.3V	2.00A	6.6W
KTPS12-05020WA-VI-P1	5.0V	2.00A	10W
KTPS12-05025WA-VI-P1	5.0V	2.50A	12.5W
KTPS12-05920WA-VI-P1	5.9V	2.04A	12W
KTPS12-08414WA-VI-P1	8.4V	1.43A	12W
KTPS12-09013WA-VI-P1	9.0V	1.34A	12W
KTPS12-12010WA-VI-P1	12.0V	1.00A	12W
KTPS12-13589WA-VI-P1	13.5V	0.89A	12W
KTPS12-15008WA-VI-P1	15.0V	0.80A	12W
KTPS12-18067WA-VI-P1	18.0V	0.67A	12W
KTPS12-24005WA-VI-P1	24.0V	0.50A	12W

### Part Number Key:

**KTPS12- xxx yy WA - VI - P**

**xxx** = output voltage

12=12.0V 135 = 13.5V example

**yy** = output current

67 = 0.67 amp or 6.7 amp example

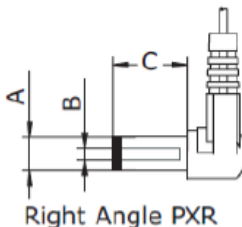
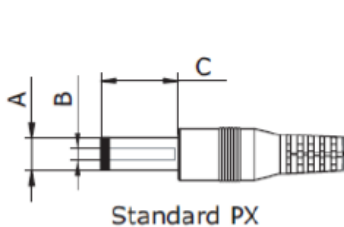
**p** = output connector

P1/(R)\* = 2.1/5.5/9.5mm, P2/(R)\* = 2.5/5.5/9.5...

\* R = Right Angle Connectors

Note: Center Positive (+) standard

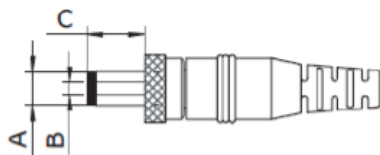
### Standard DC Plug



	A	B	C	Unit
P1 / P1R	5.5	2.1	9.5	mm
P2 / P2R	5.5	2.5	9.5	mm
P3 / P3R	3.5	1.35	9.5	mm
P4 / P4R	3.8	1.35	9.5	mm
P5 / P5R	3.8	1.05	9.5	mm

**P100 = User Defined**

### Locking DC Plug



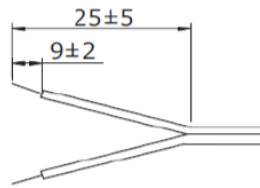
	A	B	C	Unit
P6	5.5	2.1	9.5	mm
P7	5.5	2.5	9.5	mm



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## Stripped and Tinned



ST = Stripped and Tinned

## Mechanical Drawing:

