



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	3.3V	2.00A	6.6W
KTPS12-05020WA-VI	5.0V	2.00A	10W
KTPS12-05025WA-VI	5.0V	2.50A	12.5W
KTPS12-05920WA-VI	5.9V	2.04A	12W
KTPS12-08414WA-VI	8.4V	1.43A	12W
KTPS12-09013WA-VI	9.0V	1.34A	12W
KTPS12-12010WA-VI	12.0V	1.00A	12W
KTPS12-13509WA-VI	13.5V	0.89A	12W
KTPS12-15008WA-VI	15.0V	0.80A	12W
KTPS12-18007WA-VI	18.0V	0.67A	12W
KTPS12-24005WA-VI	24.0V	0.50A	12W

Part Number Key:

KTPS12- xxx yy WA-VI - P

xxx = output voltage

120=12.0V 135 = 13.5V example

yy = output current

54 = 5.4 amp example

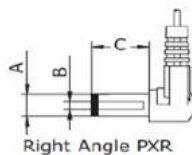
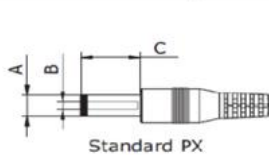
p = output connector

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

* **R** = Right Angle Connectors

Note: Center Positive (+) standard

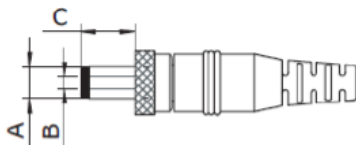
Standard DC Plug



	A	B	C	Unit
P1 / P1R	5.5	2.1	9.5	mm
P2 / P	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
P12/P12R	5.5	2.1	12	mm

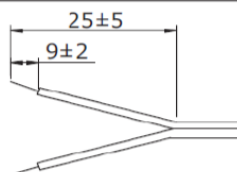
P100 = User Defined

Locking DC Plug



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

Stripped and Tinned



ST = Stripped and Tinned



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Mechanical Drawing:

