



KTPS36 Series

36-Watt Wall Mount Adapter DoE/CEC Level VI, Universal Input

INPUT SPECIFICATIONS

All specifications are typical at nominal input, full load.

INPUT SPECIFICATIONS

Input Voltage	AC 100 – 240VAC
Input Frequency	50 – 60Hz
Input Current	1.0A Max
Protection	Internal Primary Current Fuse Inrush Limiting

OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Efficiency	CEC Level VI, 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 @ Full Load
Transient Response	0.5mS for 50% Load Change(typ)
Load Regulation	± 5% (typ)
Leakage Current	0.25mA

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



FEATURES

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

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	L79 x W34 x H74 (mm)
Input Configuration	US AC Input Standard (UK, EU & AUS Version Available)
DC Cord	20AWG (Optional 18 AWG)
Output Connector	5.5 x 2.1 x 9.5mm C+

Model Number	Output Voltage	Output Current	Max Output Power
KTPS36-05050WA-VI	5.0V	5.00A	25W
KTPS36-07540WA-VI	7.5V	4.00A	30W
KTPS36-09033WA-VI	9.0V	3.34A	30W
KTPS36-12030WA-VI	12.0 V	3.00A	36W
KTPS36-13526WA-VI	13.5V	2.66A	36W
KTPS36-15024WA-VI	15.0V	2.40A	36W
KTPS36-24015WA-VI	24.0V	1.50A	36W
KTPS36-48075WA-VI	48.0V	0.75A	36W

Note: Optional UK, EU, AUS Input Configuration Available.

Part Number Key:

KTPS36- xxx yy WA-VI - p

xxx = output voltage

12=12.0V 135 = 13.5V example

yy = output current

55 = 5.5 amp example

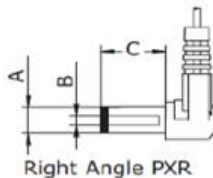
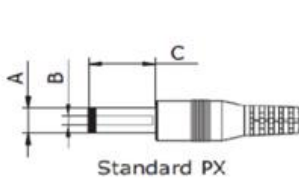
p = output connector

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

* **R** = Right Angle Connectors

Note: Center Positive (+) standard

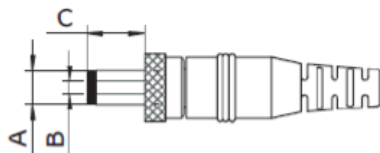
Standard DC Plug



	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

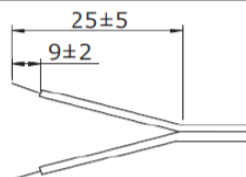
P100 = User Defined

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



KTPS36 Series

Mechanical Drawing:

