



KTPS18 Series

CEC/DoE Level VI

18 Watt DoE/CEC Level VI Universal Input, Desktop Adapter

INPUT SPECIFICATIONS

All specifications are typical at nominal input, full load.

INPUT SPECIFICATIONS

Input Voltage	AC 100 – 240VAC
Input Frequency	50 – 60Hz
Input Current	0.48A Max
Protection	Internal Primary Current Fuse Inrush Limiting

OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCan & GEMS Level VI 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 @ 2 pin / 3.5mA @ 3 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/RCM/FCC



FEATURES

- UNIVERSAL INPUT (AC100-240V)
- DoE/CEC LEVEL VI
- 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	L100 x W50 x H33(mm)
Input Configuration	IEC320-C6 (Optional C14)
DC Cord	18AWG (Optional 20 & 22 AWG)
Output Connector	5.5 x 2.1 x 9.5 mm C+

Model Number	Output Voltage	Output Current	Max Output Power
KTPS18-05030DT-2P-VI	5.0V	3.0A	15.00W
KTPS18-06025DT-2P-VI	5.9V	2.5A	14.75W
KTPS18-06030DT-2P-VI	5.9V	3.0A	17.70W
KTPS18-07025DT-2P-VI	7.0V	2.5A	17.50W
KTPS18-07525DT-2P-VI	7.5V	2.5A	18.75W
KTPS18-09022DT-2P-VI	9.0V	2.2A	19.80W
KTPS18-10019DT-2P-VI	10.0V	1.9A	19.00W
KTPS18-11016DT-2P-VI	11.0V	1.6A	17.60W
KTPS18-12016DT-2P-VI	12.0V	1.6A	19.20W
KTPS18-15013DT-2P-VI	15.0V	1.3A	19.50W
KTPS18-16012DT-2P-VI	16.0V	1.2A	19.20W
KTPS18-18011DT-2P-VI	18.0V	1.1A	19.80W
KTPS18-24008DT-2P-VI	24.0V	0.8A	19.20W

Part Number Key:

KTPS18 - xxx yy DT - 2P - VI - p

xxx = output voltage

12=12.0V 135 = 13.5V example

yy = output current

55 = 5.5 amp example

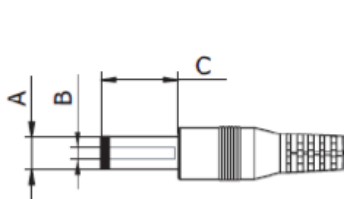
p = output connector

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

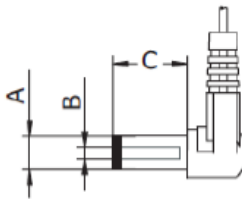
* R = Right Angle Connectors

Note: Center Positive (+) standard

Standard DC Plug



Standard PX

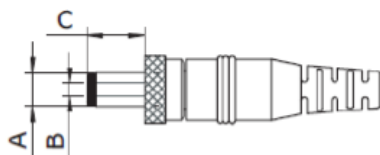


Right Angle PXR

	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



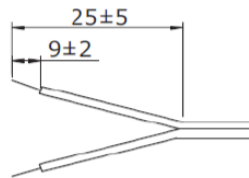
	A	B	C	Unit
P6	5.5	2.1	9.5	mm
P7	5.5	2.5	9.5	mm



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Stripped and Tinned



ST = Stripped and Tinned

Mechanical Drawing:

