

Excellent Integrated System Limited

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[Volgen/Division of Kaga Electronics USA](#)
[KTPS24-0540DT 2P](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Volgen

KTPS24 Series

24 Watt 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	0.58A Max
Protection	Internal Primary Current Fuse Inrush Limiting

OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Efficiency	CEC Level V, 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 (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/CE/CB/GS/PSE/FCC



FEATURES

- UNIVERSAL INPUT (AC100-240V)
- CEC LEVEL V
- OVER VOLTAGE PROTECTION
- OVER CURRENT PROTECTION
- SHORT CIRCUIT PROTECTION
- ROHS COMPLIANT
- NRCAN VERSION AVAILABLE

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	L88 x W50 x H34(mm)
Input Configuration	IEC320-C8
DC Cord	18AWG (Optional 20 & 22 AWG)
Output Connector	5.5 x 2.1 x 9.5 mm C+

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Model Number	Output Voltage	Output Current	Max Output Power
KTPS24-0540DT-2P	5.0V	4.0A	20.00W
KTPS24-0635DT-2P	5.9V	3.5A	20.65W
KTPS24-0730DT-2P	7.0V	3.0A	21.00W
KTPS24-7530DT-2P	7.5V	3.0A	22.50W
KTPS24-0925DT-2P	9.0V	2.5A	22.50W
KTPS24-9525DT-2P	9.5V	2.5A	23.75W
KTPS24-1220DT-2P	12.0V	2.0A	24.00W
KTPS24-1516DT-2P	15.0V	1.6A	24.00W
KTPS24-2410DT-2P	24.0V	1.0A	24.00W
KTPS24-4805DT-2P	48.0V	0.5A	24.00W

Mechanical Drawing:

