mail

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





KTPS24 Series

24 Watt Universal Input, Wall-mount Adapters With Interchangeable AC plug

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, MEPS		
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)	50,000 Calculated hours at 25°C by MIL-HDBK-217F
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

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	L76 x W52 x H39(mm)	
Available Input Connectors	USA, EU, UK, AUS, CHN, KOR	
DC Cord	18AWG (Optional 20 & 22 AWG)	
Output Connector	5.5 x 2.1 x 9.5 mm C+	

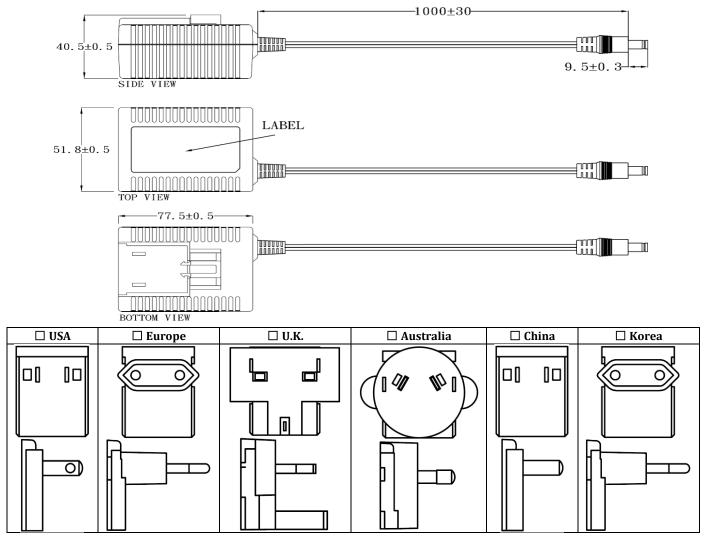
Kaga Electronics (USA) Inc. 2480 N. First St., Suite #100, San Jose, CA 95131 Phone: (408) 570-0955 | Fax: (408) 570-0186 | Toll Free: (888) 2-VOLGEN (888-286-5436) www.volgen.com



KTPS24 Series

Model Number	Output Voltage	Output Current	Max Output Power
KTPS24-05040MP	5.0V	4.0A	20.00W
KTPS24-06035MP	5.9V	3.5A	20.65W
KTPS24-07030MP	7.0V	3.0A	21.00W
KTPS24-07530MP	7.5V	3.0A	22.50W
KTPS24-09025MP	9.0V	2.5A	22.50W
KTPS24-09525MP	9.5V	2.5A	23.75W
KTPS24-12020MP	12.0V	2.0A	24.00W
KTPS24-15016MP	15.0V	1.6A	24.00W
KTPS24-24010MP	24.0V	1.0A	24.00W
KTPS24-48005MP	48.0V	0.5A	24.00W

Mechanical Drawing:



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