

## 5 Volt 1 amp USB Charger

### INPUT SPECIFICATIONS

All specifications are typical at nominal input, full load.

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Input Voltage	AC 90 – 264VAC
Input Frequency	47 – 63Hz
Input Current	0.3A Max @ 100-240Vac



### OUTPUT SPECIFICATIONS

Output Voltage	4.7V – 5.3V
Efficiency	DoE/CEC Level VI, Energy Star, ErP Stage 2, NRCAN, GEMS Level VI
Protection	Short Circuit Protection
	Over Current Protection
	Over Voltage Protection
Ripple	150m Vp-p
Hold-Up Time	10 mS (min)
Transient Response	10mS @ Full load & 115 Vac/60Hz input turn off at worst case
Load Regulation	± 6%
Leakage Current	0.25mA @ 264 Vac/ 50 Hz

### FEATURES

- UNIVERSAL INPUT (AC100-240V)
- DoE 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	10 – 90% Rh
Storage Humidity	5 – 95% Rh

### GENERAL SPECIFICATIONS

MTBF(Calculated)	300,000 Calculated hours at 25°C by Telcordia SR-332
Dielectric Withstanding Voltage	3,000 VAC Primary – Secondary
EMI Standards/EMS	FCC Part 15 class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11

### MECHANICAL SPECIFICATIONS

Case Dimension	110mm x 90mm x 0.3mm
Input Configuration	US Blades
Output Type	USB



# KTPS05-0501USB-2Pin

DoE/CEC Level VI

Safety Approvals	UL/cUL/CE/CB/GS/PSE/FCC/RCM		
Model Number	Output Voltage	Output Current	Max Output Power
KTPS05-0501USB-2Pin	5.0V	1A	5W

