



KTPS05 Series

5 Watt Universal Input, Wall Mount 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 | 0.19A Max |
| Protection | Internal Primary Current Fuse Inrush Limiting |

OUTPUT SPECIFICATIONS

| | |
|--------------------|--|
| Output Voltage | See Chart |
| Efficiency | CEC Level V, ErP Stage 2 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 |

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
- ROHS COMPLIANT
- CEC LEVEL V

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 | L52 x W29 x H63 (mm) |
| Input Configuration | IEC320-C14 Optional(C6, C8, C18) |
| DC Cord | 20AWG (Optional 22 AWG) |
| Output Connector | 5.5 x 2.1 x 9.5mm C+ |

| Model Number | Output Voltage | Output Current | Max Output Power |
|---------------|----------------|----------------|------------------|
| KTPS05-03015U | 3.0V | 1.5A | 4.50W |
| KTPS05-03315U | 3.3V | 1.5A | 4.95W |
| KTPS05-04215U | 4.2V | 1.5A | 6.30W |
| KTPS05-04515U | 4.5V | 1.5A | 6.75W |
| KTPS05-05010U | 5.0V | 1.0A | 5.00W |
| KTPS05-05015U | 5.0V | 1.5A | 7.50W |
| KTPS05-06012U | 6.0V | 1.2A | 7.20W |
| KTPS05-07510U | 7.5V | 1.0A | 7.50W |
| KTPS05-09006U | 9.0V | 0.6A | 5.40W |
| KTPS05-12006U | 12.0V | 0.6A | 7.20W |
| KTPS05-15005U | 15.0V | 0.5A | 7.50W |

Note: Optional UK, EU, and US(Frontal) Input Configuration Available.

Mechanical Drawing:

