

# QuPSU-GP241U

## Gigabit Passive PoE Power Supply UK

Gigabit Passive PoE power supply 24V, 1A, 24W dedicated to all QuSpot, QuMax and QuMini antennas with installed all Gigabit Ethernet Teltonika routers inside (RUTX50, RUTM50, RUTX09, RUTX11, RUTX12, RUTX14). This power supply is also compatible with other devices that support gigabit Passive PoE at 24V. Version with EU power cord.

- Passive PoE Power Supply UK
- Output: 24V, 1A
- Input: AC100-240V 50/60Hz
- UK power cord
- Wall mount holder included
- CE, ATE, HIPOT
- Caution: Indoor use only



## ELECTRICAL SPECIFICATION

|   |                                 |
|---|---------------------------------|
| <b>INPUT VOLTAGE</b>                              | 110 ... 240VAC                  |
| <b>INPUT FREQUENCY</b>                            | 50 ... 60Hz                     |
| <b>INPUT CURRENT</b>                              | max. 2A RMS                     |
| <b>INRUSH CURRENT</b>                             | max. 30A                        |
| <b>AC LEAKAGE CURRENT</b>                         | max. 3.5mA                      |
| <b>EFFICIENCY</b>                                 | min. 80% @ 100VAC, 84% @ 240VAC |
| <b>DIELECTRIC STRENGTH (PRIMARY TO SECONDARY)</b> | 3kVAC/5mA/1s                    |
| <b>INPUT SOCKET</b>                               | IEC320-C6                       |
| <b>AC POWER CORD</b>                              | 0.75m length, 3 pins UK plug    |

## ELECTRICAL OUTPUT SPECIFICATION

|                        |       |
|------------------------|-------|
| <b>OUTPUT VOLTAGE</b>  | 24VDC |
| <b>MIN. LOAD</b>       | 0A    |
| <b>MAX. LOAD</b>       | 1A    |
| <b>OUTPUT POWER</b>    | 24W   |
| <b>LINE REGULATION</b> | ± 3%  |

|                           |   |
|---------------------------|---|
| <b>LOAD REGULATION</b>    | ± 5%  |
| <b>RIPPLE</b>             | 240mVpp   |
| <b>TURN ON DELAY TIME</b> | max. 5s   |
| <b>RISE TIME</b>          | max. 40ms   |
| <b>HOLD UP TIME</b>       | min. 5ms  |
| <b>OVERSHOOT</b>          | max. 15%  |
| <b>PROTECTIONS</b>        | Short circuit, over current (110 ... 200% of DC output)                       |
| <b>ETHERNET PORTS</b>     | Input (LAN): 1x RJ45 10/100/1000Mbps<br>Output (PoE): 1x RJ45 10/100/1000Mbps |
| <b>POE MODE</b>           | mode B: pins 4,5 + / pins 7,8 -   |
| <b>LEDS</b>               | Green: Power supply is on, Blue: PoE device connected                         |

## MECHANICAL SPECIFICATION

|                              |   |
|------------------------------|---|
| <b>MTBF</b>                  | 30,000 operating hours confidence-level at 80% load, 25°C |
| <b>OPERATING TEMPERATURE</b> | -10°C ... +40°C   |
| <b>STORAGE TEMPERATURE</b>   | -20°C ... +85°C   |
| <b>HUMIDITY</b>              | 5% @ 0°C, 90% @ 40°C                                      |
| <b>SIZE</b>                  | 84 x 44 x 30mm (LxWxH)                                    |

**SAFETY**

CE: EMC/LVD / FCC Part 15 Class B/ EN55022 Class B/ EN55024

