

# DESKTOP - 24vdc 3.75A (90W)



## TIGER PART: TP1080

### Features:

- Constant voltage design with over voltage, short circuit & OC protections
- Universal 100-240vac input voltage
- Class I design 3 Pin C14 input (Class II version also available)
- Level VI efficiency
- Approved to latest 62368-1 world safety standards
- UL, CUL, TUV, CB, CE, FCC, BSMI, CU, PSE, RCM, IRAM, CCC



The Tiger Power range of switch mode power supplies feature a full comprehensive range of safety approvals for truly global requirements and meet latest level VI energy efficiency legislation. The TP1080 24vdc model provides a reliable constant voltage output at up to 3.75 amps (90W) continuous, suitable for a wide range of applications.

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|---|---|
| Part number (no mains cable included):          | TP1080  |
| Part number (Supplied with separate UK cable) : | TP1080-UK (cable boxed separately)                      |
| Part number (European cable):                   | TP1080-EU (cable boxed separately)                      |
| Input voltage:                                  | 100-240vac (90-264vac max.)                             |
| Input frequency:                                | 47 - 63Hz   |
| Output voltage:                                 | 24vdc   |
| Current:  | 3.75A   |
| Power :   | 90 Watts  |
| Protection:                                     | Short Circuit, Over current, Over voltage protection    |
| Dimensions:                                     | 151 x 64 x 36mm   |
| Weight:   | 460g  |
| AC cord length (where supplied):                | 1.8 to 2 metres (depending on version)                  |
| DC cord length:                                 | 1.2 metres  |
| DC connector:                                   | 2.1 x 5.5 x 12mm (Female) Other options on request      |
| Polarity:                                       | +ve (positive) centre                                   |
| Efficiency:                                     | 89%   |
| Input current RMS Max.:                         | 1.2A  |
| Inrush Current at 230vac:                       | 80A max. at 220vac cold start, max. load                |
| Load regulation:                                | + / - 5%  |
| Safety approval:                                | 62368-1 CB / UL / cUL / FCC / GS / CE/ PSE / BSMI / LPS |
| M.T.B.F:  | 300,000 hours (MIL-HDBK-217F) at 25 degrees C           |
| Operating temperature:                          | 0°C to + 40°C   |

### TIGER POWER PRODUCTS – QUALITY & RELIABILITY

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