

# DESKTOP – 24VDC 12.5A 300W



## TIGER PART: TP1142

### Features:

- Class I power supply – IEC320 C14 input
- Universal 100-240vac input voltage
- Over Voltage, Short Circuit, Over Current & Over Temperature protection
- 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 TP1142 24vdc 300W model provides a reliable constant voltage output at up to 12.5 amps continuous, suitable for a wide range of applications.

Part number (no mains cable included):	TP1142
Part number (Supplied with separate UK cable) :	TP1142-UK (cable boxed separately)
Part number (European cable):	TP1142-EU (cable boxed separately)
Input voltage:	100-240vac (90-264vac max.)
Input frequency:	47 - 63Hz
Output voltage:	24vdc
Current:	12.5A
Power :	300 Watts
Protection:	Short Circuit, Over Current, Over Voltage Over Temperature
Dimensions:	254 x 116 x 47mm
Weight:	1600g
AC cord length (where supplied):	1.8 to 2 metres (depending on version)
DC cord:	UL2095 / UL2464 / 16AWG 1.2 metres
DC connector:	Unless specified - 4 pin Din – Kycon KPPX-4P
Pin out:	See page 2
Efficiency:	89%
Input current RMS Max.:	2.0A
Inrush Current at 230vac:	120A max. at 220vac cold start, max. load
Load regulation:	+ / - 5%
Safety approval:	62368-1
M.T.B.F:	100,000 hours (MIL-HDBK-217F) at 25 degrees C
Operating temperature:	0°C to + 40°C

### TIGER POWER PRODUCTS – QUALITY & RELIABILITY

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