

DESKTOP - 12vdc 5A (60W)



LED PWM Touch Dimmer ON/OFF switch

TIGER PART: TP1024-DIM

Features:

- Constant voltage power supply with PWM Dimmer ON/OFF switch
- Featuring over voltage, short circuit & OC protections
- Universal 100-240vac input voltage
- 3 Pin C14 input (Mains cable supplied separately)
- Approved to latest 62368-1 world safety standards including CE & UL
- Meets new UKCA UK safety legislation



The Tiger Power range of switch mode power supplies feature full safety approvals and meet latest level VI energy efficiency requirements. The TP1024-DIM 12vdc 5 amp model provides a reliable constant voltage output at up to 60 Watts continuous, suitable for a wide range of applications.

Part number (no mains cable included):	TP1024-DIM
Part number (Supplied with separate UK cable) :	TP1024-DIM-UK (cable boxed separately)
Part number (European cable):	TP1024-DIM-EU (cable boxed separately)
Input voltage:	100-240vac (90-264vac max.)
Input frequency:	47 - 63Hz
Output voltage:	12vdc
Current:	5A
Power :	60 Watts
Protection:	Short Circuit, Over current protection
Dimensions:	120.3 x 50.3 x 33.5mm
Weight:	220g
AC cord length (where supplied):	1.8 metres
DC cord length:	1.5 metres + 25cm touch dimmer (175cm total)
DC connector:	2.1 x 5.5 x 12mm (Female) Other options on request
Polarity:	+ve (positive) centre
Efficiency:	88%
Input current RMS Max.:	1.5A
Inrush Current at 230vac:	80A max.
Load regulation:	+ / - 5%
Safety approval:	62368-1 including UL (USA), CE and C-Tick (Australia), CB
M.T.B.F:	50,000 hours
Operating temperature:	0°C to + 40°C

TIGER POWER PRODUCTS – QUALITY & RELIABILITY

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Features:

TP1024-DIM (this is made up of our TP1024 power supply (12vdc 5A 60W) fitted with our TGR-TOUCH-DIM touch sensitive dimmer switch. No mains lead is supplied so please buy the AC input cable separately)



LED Strip lighting. The TP1024-DIM can be used to switch on/off and adjust the brightness level of any 12V constant voltage LEDs, including strip up to 5A (60 Watts)

Part EXT-CAB-B

2.1mm socket to 300mm red/black cable which is used here to connect the TP1024-DIM to the 12v LED strip

How to operate the Touch Dimmer:

1. Plug the TGR-TOUCH-DIM dimmer switch (rated 12v-24v 5A max.) into the TP1030 power supply
2. Plug a mains lead (not supplied) into to the power supply and switch on at the mains socket
3. You will see an on/off logo printed on the top surface of the TGR-TOUCH-DIM as pictured below
4. One short touch to turn on
5. Another short touch to turn off
6. After turning on, touch and hold to increase brightness
7. Touch and hold again to decrease brightness



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