

24VDC 13A 312W LED DRIVER



3 x Constant Voltage Outputs

Features:

- 120-277VAC Input Voltage
- Fanless Design – High Reliability
- IP67 rated suitable for indoor & outdoor use
- Protections OVP, SCP, OCP, OTP
- 5 Year Warranty
- Safety UKCA, CE EN61347-1, EN61347-2-13
- 3 outputs (Also available as 4, 6, 8 and 9 output model on request)



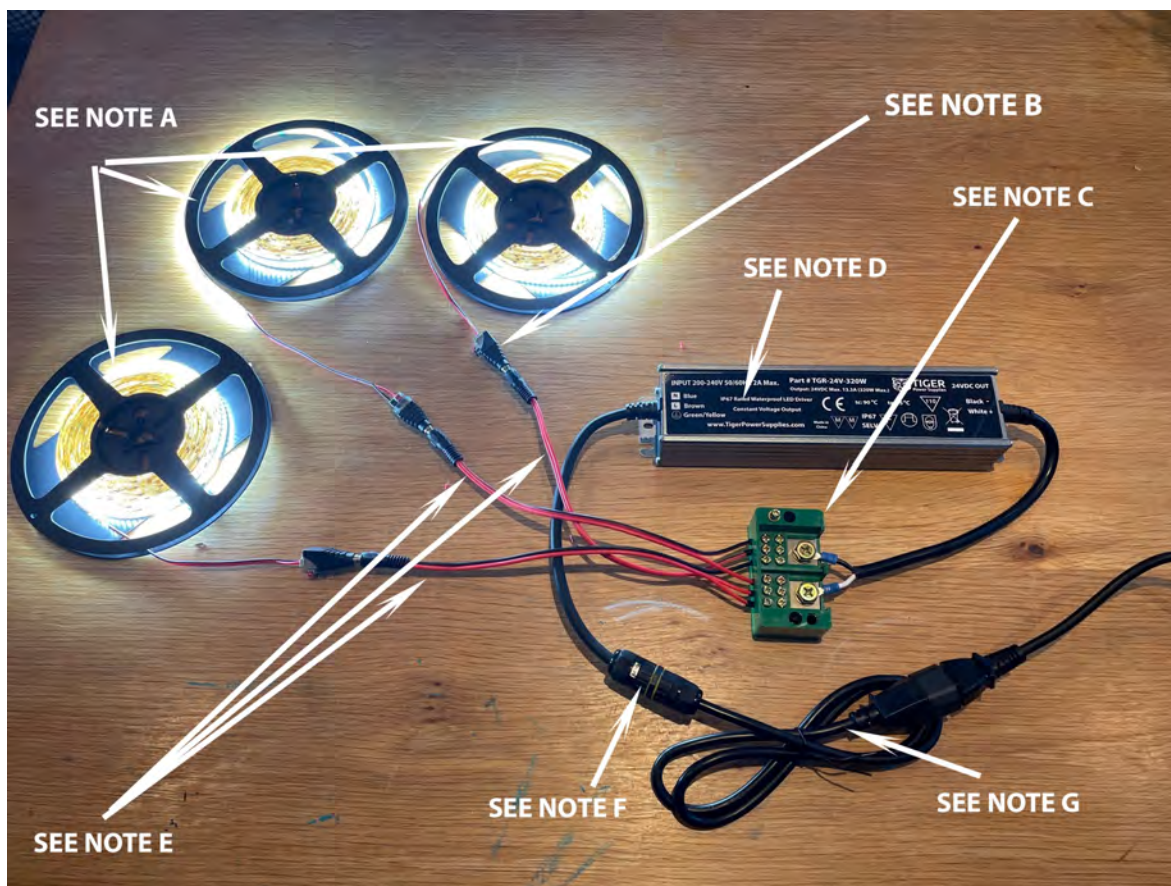
The Tiger Power range of LED drivers are a high quality and reliable series which meet latest energy efficiency legislation. The TGR-24V-312W-OP3 is a 24vdc 13 amp model which is supplied with a 1 input to 3 output high current voltage splitter. The LED drivers 24vdc constant voltage output rated at up to 312 Watts continuous can be split across 3 outputs to provide 100 Watts per output (24vdc 4.16A x 3 outputs). Please see page 2 for example of a typical connection. Please note the LED driver is supplied fitted with spade terminals on the + and - output wires for secure connection to the 3 output TP-SPLIT-HW-OPX3 terminal splitter block

Part number :	TGR-24V-312W-OP3
Output:	24vdc Constant Voltage
Output Current	13 amp (312 Watts max.) No minimum load
Input voltage:	120-277vac
Input frequency:	47 - 63Hz
No load power consumption:	<0.5W
Current:	13A
Power :	312 Watts
Protection:	Short Circuit, Over Temperature, Over voltage protection
Dimensions:	261 x 62 x 43mm
Weight:	1100g
AC cord length (where supplied):	250mm
DC cord length:	250mm fitted with TP-SPLIT-HW-OPX3 high current splitter
DC output:	White + Black -
Polarity:	No applicable
Efficiency:	94%
Input current RMS Max.:	2.0A
Inrush Current at 230vac:	65A max. at 230vac cold start, max. load
Load regulation:	+ / - 5%
Safety approval:	EN61347-1, EN61347-2-13, EN62384
M.T.B.F.:	749,060.00 hours min Telcordia SR-332 (Belcore)
Operating temperature:	-40°C to + 90°C (contact sales for derating info)

TIGER POWER PRODUCTS – QUALITY & RELIABILITY

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24VDC 13.3A 320W LED DRIVER



- A) This is 3 reels of our 5 Metre 14.4W/M 240 LED/m 6500K 80cri 24vdc 2210lm/M LED strip part number CW-240-72W-5M. Each reel of 5 metres is rated at 72 watts total, so the load on this power supply in the above photo is 3 x 72 W (216 watts). Each of the 3 outputs can supply 24vdc at 4.33A (104W)
- B) These connectors are our CON21-TERM-SOCKET push fit 2.1mm sockets which can quickly be attached to the LED strip for fast powering. Rated to 5A maximum
- C) This terminal block is part of our DC High Current Splitter range. This is part number TP-SPLIT-HW-OPX3 which is a 1 input to 3 output. The input side is rated to 48A max and each output terminal is rated to 10A max. Suitable only for low voltage 12V / 24V connection. In the photo this splitter is fitted with 3 of our EXT-CAB-A Red/Black cables
As well as this 3 output splitter connector, we also have 4, 6, 8 and 9 output splitter boxes if more outputs are required
- D) One of our TGR-24V-312W constant voltage 24vdc 312W LED drivers
- E) 3 pieces of our EXT-CAB-A cables which are rated to 4A 20AWG and 300mm length
- F) Here we use one of our IP68 2 or 3 wire waterproof cable joints CON-WP-IP68-M16 to connect an IEC input cable to the existing 300mm AC bare end cable. Please note the CON-WP-IP68-M16, EXT-CAB-A or IEC cable is not supplied as standard. The unit is supplied as per the photo on page 1 of this spec and all other parts are option extras available by contacting us
- G) IEC input cable fitted for fast AC connection (not waterproof) part CA-IEC-1M

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