24VDC 6.25A 150W LED DRIVER

Output Adjustable



- 100-305VAC Ultra Wide range Input Voltage
- Fanless Design – High Reliability
- IP67 rated suitable for indoor & outdoor use
- Protections OVP, SCP, OCP, OTP
- 5 Year Warranty
- Waterproof
- Extend the AC and DC cables (see page 3 and 4)

The Tiger Power range of LED drivers feature a comprehensive range of safety approvals for truly global requirements and meet latest energy efficiency legislation. The TGR-150W-24V-ADJ 24vdc 6.25 amp model provides a reliable constant voltage output at up to 25 amps (W) continuous, suitable for a wide range of applications. The output current can be set using the on board pot on the underside of the led driver to between 3.2 amp and 6.25 amp. When used in constant current mode, the output voltage adjusts between 16.8vdc and 24vdc

Part number :	TGR-150W-24V-ADJ
Output:	24vdc Constant Voltage (16.8vdc to 24vdc in CC mode)
Output Current Adjustable Range in CC mode	3.2 amp to 6.25 amp (76.8 watt to 150 watts)
Input voltage:	100-305vac
Input frequency:	47 - 63Hz
No load power consumption:	<0.5W
Current:	6.25A
Power :	150 Watts
Protection:	Short Circuit, Over current, Over voltage protection
Dimensions:	180 x 63 x 35.5mm
Weight:	800g
AC cord length (where supplied):	300mm
DC cord length:	300mm
DC output:	Red + Black -
Polarity:	No applicable
Efficiency:	91%
Input current RMS Max.:	2.0A
Inrush Current at 230vac:	50A max. at 230vac cold start, max. load
Load regulation:	+ / - 5%
Safety approval:	UL8750, CSA22.2 EN61347-1, EN61347-2-13, EN62384
M.T.B.F:	213,300.00 hours min (MIL-HDBK-217F) at 25 degrees C
Operating temperature:	-40°C to + 90°C (contact sales for derating info)

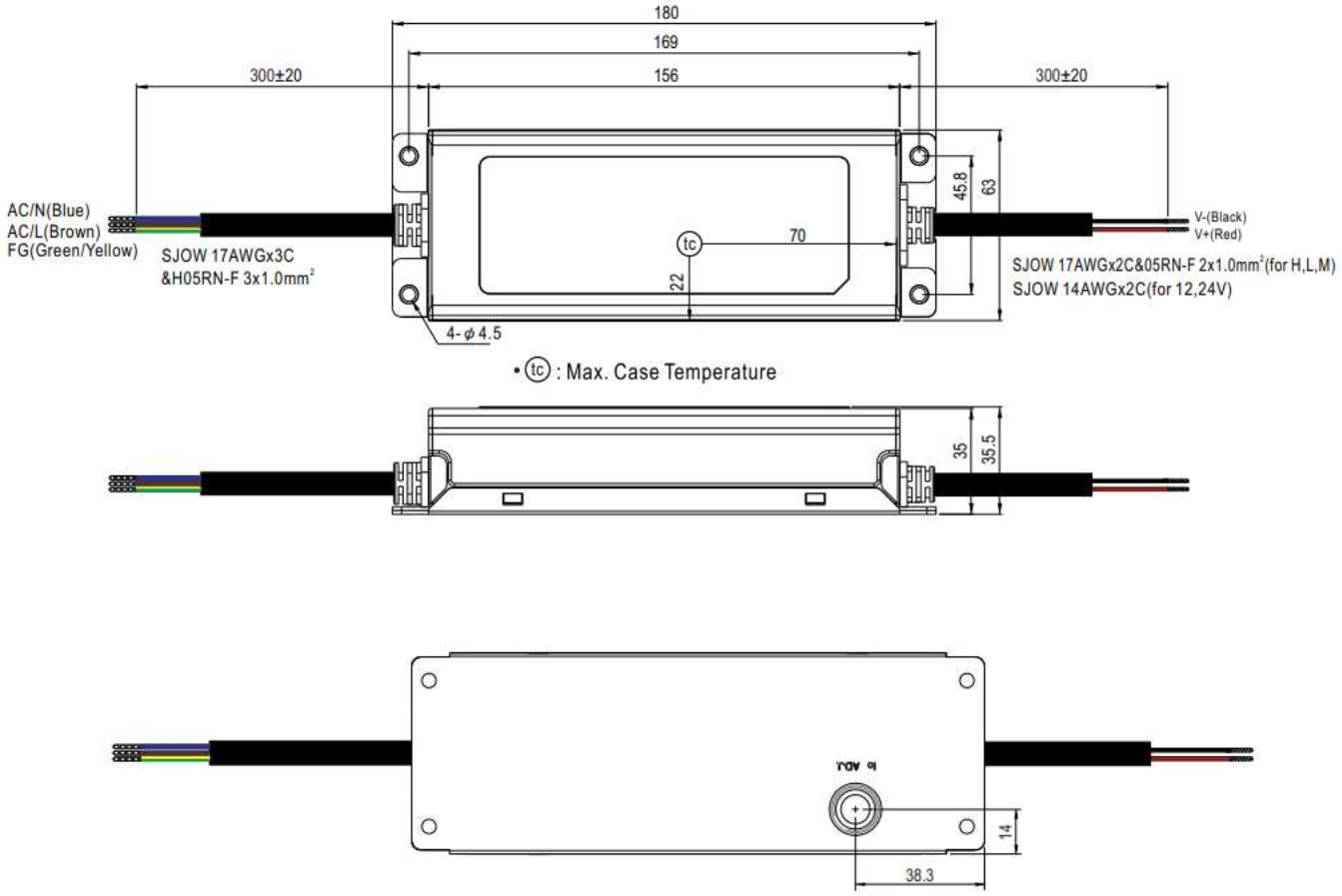
TIGER POWER PRODUCTS – QUALITY & RELIABILITY

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Tiger Power Supplies, Wo ingha , RG4 3 N, UK, T: (0) 1491 522 711 E: info@TigerPowerSupplies.com

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WATERPROOF CABLE JOINERS

2 & 3 Quick Connect Series





- Extend the input and output cables of your LED driver using these connectors
- IP68 Rated – Waterproof – Can be used inside or outside
- Suitable for round cable with a diameter of between 4mm and 10mm
- Can be used for both AC and DC connection
- 2 options - Suitable for either 3 Pole (3 wire) or 2 Pole (2 wire) connection
- Quick Connect terminal block inside makes attaching wires extremely simple & fast
- Suitable for a massive range of applications
- Wiring range 0.5mm to 4mm diameter
- Maximum current: 32A (ensure correct wire is used for application)
- Maximum voltage 450V
- Suitable for cable cross section 0.5mm to 4mm (outside diameter 4mm to 10mm)





2 pin cable joint = Part number CON-WP-IP68-2P-QC

3 pin cable joint = Part number CON-WP-IP68-3P-QC

When each end is fully tightened, each unit has a length of 86mm

When each end cap is fully loosened the total length is 96mm

The connector has a diameter of 29.6mm

The image below shows a breakdown of all the component parts of model CON-WP-IP68-3P-QC which is the 3 pin (3 pole) IP68 rated waterproof cable joiner, part of the -QC series of quick connect cable and wiring accessories. The 2 pin version (part number CON-WP-IP68-2P-QC) is almost identical, only supplied with a 2 input to 2 output terminal inside





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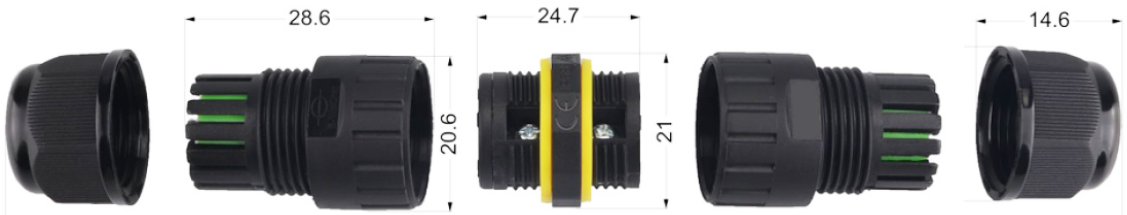
WATERPROOF CABLE JOINT

TIGER PART: CON-WP-IP68-M16



Features:

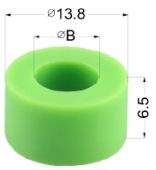
- IP68 Rated – Waterproof – Can be used inside or outside
- Suitable for round cable with a diameter of between 3.5mm and 10mm
- Can be used for both AC and DC connection
- Suitable for both 3 Pole (3 wire) or 2 Pole (2 wire) connection
- Makes extending the input or output cable on waterproof LED drivers quick
- Can be used for a massive range of applications
- Only need a screwdriver to connector wires. 3 screw terminals for 3 wires max.
- Plastic housing: PA66, UL94-V2 450V
- Operation temperature:-35℃~105℃
- Storage temperature:-30℃~85℃
- Grade of waterproofing: IP68
- Maximum current:17.5A (400v)
- Safety Approved TUV-CE
- Suitable for cable cross section 0.5mm to 1.5mm (outside diameter 3.5mm to 10mm)



Total length when assembled and tightened 60.5mm

Dimensions 60.5mm x 20.6mm (Length x Diameter)





ØB	Wire OD
ø10.2	ø7-10mm
ø6.5	ø3.5-7mm



3 Pins

4 pieces of silicon inserts are supplied for each connector. 2 pieces. This consists of 2 pcs of the 7mm to 10mm insert and 2 pieces of the 3.5mm to 7mm insert as shown in the table above. Connector supplied as image to the left.

The middle section includes a 3 pole screw terminal on each side which can be used to join either 3 wire or 2 wire AC or DC cables.

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