

# 12VDC 16A 192W LED DRIVER



## Features:

- 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
- Full Safety including CE, UL, UKCA, EN61347-1, EN61347-2-13



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-12V-192W 12vdc 16 amp model provides a reliable constant voltage output at up to 192 Watts continuous, suitable for a wide range of applications.

(If required, the output current can also be set using the on board pot on the underside of the led driver to between 8 amp and 16 amp. When used in constant current mode, the output voltage adjusts between 8.4vdc and 12vdc)

<b>Part number :</b>	<b>TGR-12V-192W</b>
Output:	12vdc Constant Voltage (8.4vdc to 12vdc in CC mode)
Output Current (Adjustable Range when in CC mode)	16 amp (8 - 16A)
Input voltage:	100-305vac
Input frequency:	47 - 63Hz
No load power consumption:	<0.5W
Power Factor:	PF ≥ 0.97
Power :	192 Watts
Protection:	Short Circuit, Over Temperature, Over voltage protection
Dimensions:	199 x 63 x 35.5mm
Weight:	850g
AC cord length (where supplied):	300mm
DC cord length:	300mm
DC output:	Red + 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:	UL8750, CSA22.2 EN61347-1, EN61347-2-13, EN62384
M.T.B.F:	2300.1 K hours min Telcordia SR-332 (Belcore)
Operating temperature:	-40°C to + 90°C (contact sales for derating info)

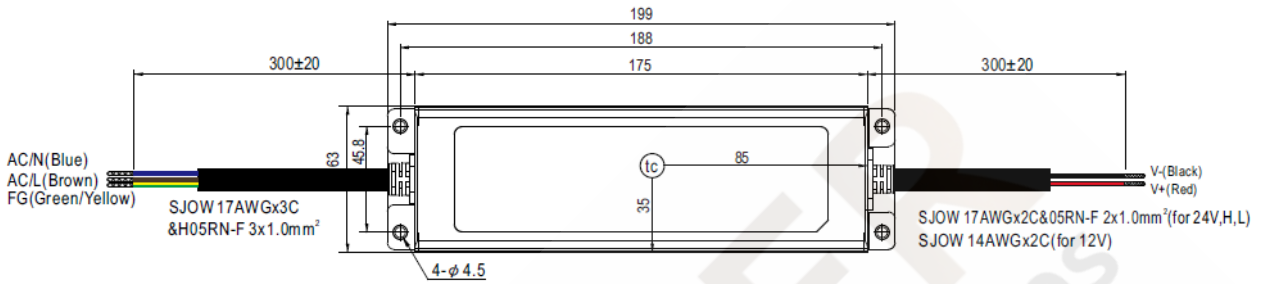
## TIGER POWER PRODUCTS – QUALITY & RELIABILITY

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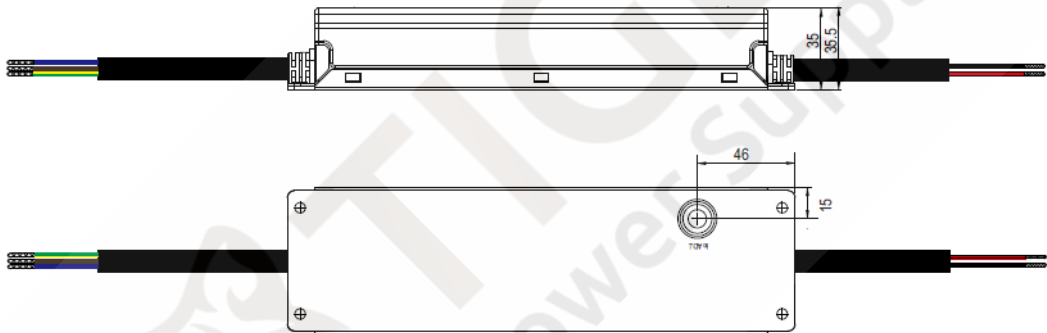
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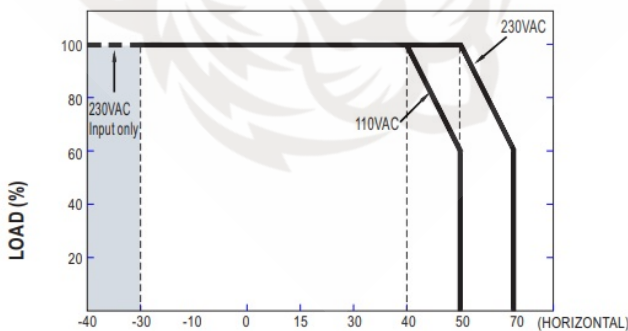
Output Adjustable



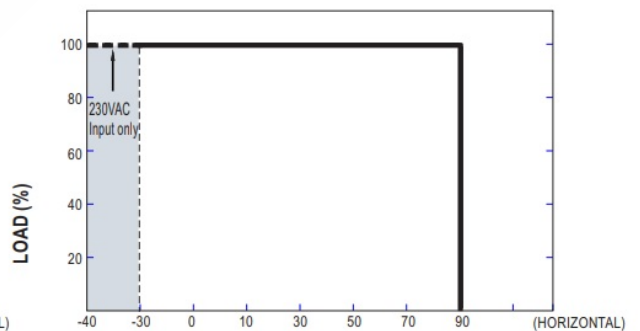
• (tc) : Max. Case Temperature



## OUTPUT LOAD vs TEMPERATURE



AMBIBS EN/ENT TEMPERATURE, Ta (°C)



Tcase (°C)

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