

Datasheet

YSL150T-150W-CC Series

FORTEC
UNITED STATES

FORTEC
INTEGRATED

FORTEC
UNITED KINGDOM

The information contained in this document has been carefully researched and is, to the best of our knowledge, accurate. However, we assume no liability for any product failures or damages, immediate or consequential, resulting from the use of the information provided herein. Our products are not intended for use in systems in which failures of product could result in personal injury. All trademarks mentioned herein are property of their respective owners. All specifications are subject to change without notice.

YSL150T-150W- CC SERIES



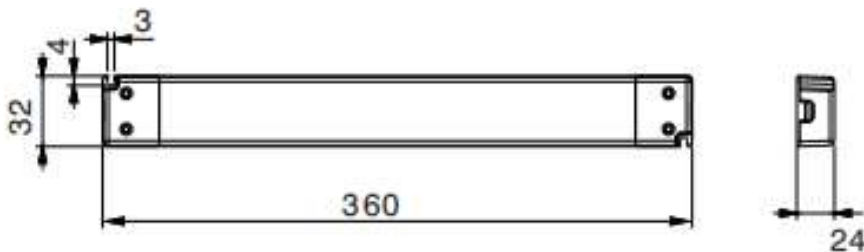
Input:
100-240VAC 50/60Hz;200-240VAC 50Hz
Output Current: depend on requirement
Rated Power: 150W max

- Features:**
- Universal Input: 100-240V AC 50/60Hz; 200-240VAC 50Hz
 - RoHS Compliance
 - EMI Standard EN55015:2019+A11
 - Safety Standard: EN61347-1:2015, EN61347-2-13:2014+A1:2017, UL8750
 - Inrush current<65A AC230V/50Hz
 - High efficiency & low power consumption
 - Short Circuit, Over Current and Over Voltage Protection
 - Over temperature protection
 - 100% full load burn-in test



Application
 LED lights lighting
 LED indoor lighting
 LED decorative lighting
 LED building lighting

■ Dimensions and Installation

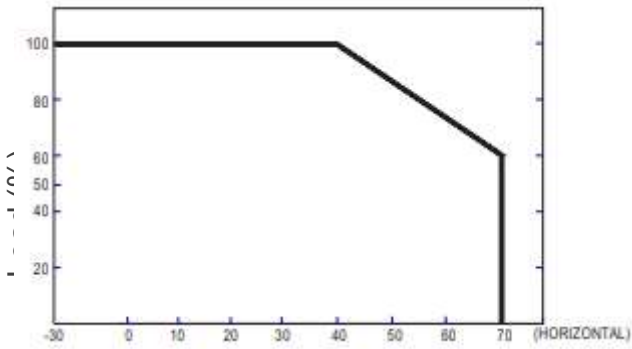


YSL150T-150W-CC SERIES

MODEL DETAIL SPEC. (allow for customized)		YSL150T-1500	YSL150T-2100	YSL150T-3150	YSL150T-4200
INPUT	Input Voltage:	100-240VAC / 200-240VAC			
	Input Frequency:	50/60Hz			
	Inrush Current:	65A/230VAC at full load			
	AC Current:	1.70A/115VAC 0.85A/230VAC			
	Leakage Current:	< 0.25mA/240VAC			
	Efficiency:	92%			
OUTPUT	Rated Current:	1500mA	2100mA	3150mA	4200mA
	Voltage Range:	60-100V	43-71.4V	29-47.6V	22-35.7V
	Rated Power:	150W	150W	150W	150W
	Current Tolerance:	±5.0%	±5.0%	±5.0%	±5.0%
	Ripple and Noise:	<5%	<5%	<5%	<5%
	Line Regulation:	±3%			
	Load Regulation:	±5%			
	Setup, Rise, Hold Up time:	1s, 10ms/60ms 230VAC 1000ms, 1ms/25ms 115VAC at full load			
ENVIRONMENTAL	Operating Temperature:	-20 ~ +50 (Refer to "Derating Curve")			
	Storage Temp:	-40°C ~ 85°C			
	Storage Humidity:	20 ~ 95% RH			
	Working Humidity:	20 ~ 95% RH non-condensing			
PROTECTION	Over Load:	Above 105%-130% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed			
	Over Voltage:	Above 105%-130% rated output voltage Protection type: Shut down o/p voltage, re-power on to recover			
	Over Temperature:	Shut down o/p voltage, re-power on to recover			
SAFETY & EMC	Safety Regulations:	EN61347-2-13:2014+A1:2017, EN61347-1:2015; EN62493:2015			
	Withstand Voltage:	I/P-O/P: 3.75KVAC			
	Harmonic	EN61000-3-2 Class C EN61000-3-3			
	EMI:	Compliance to EN55015			
	EMS:	compliance to 61547:2009			
OTHER	MTBF:	200,000 Hours Minimum at Full Load at 25°C Ambient			
	Size:	360*32*24mm			
	Weight:	150g / pcs			
	Packaging:	50PCS/CTN			

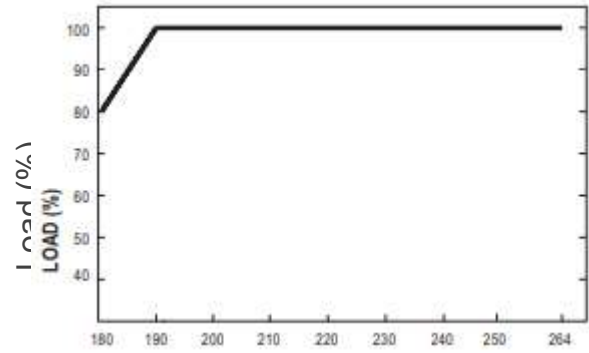
YSL150T-150W-CC SERIES

Deduction curve and temperature



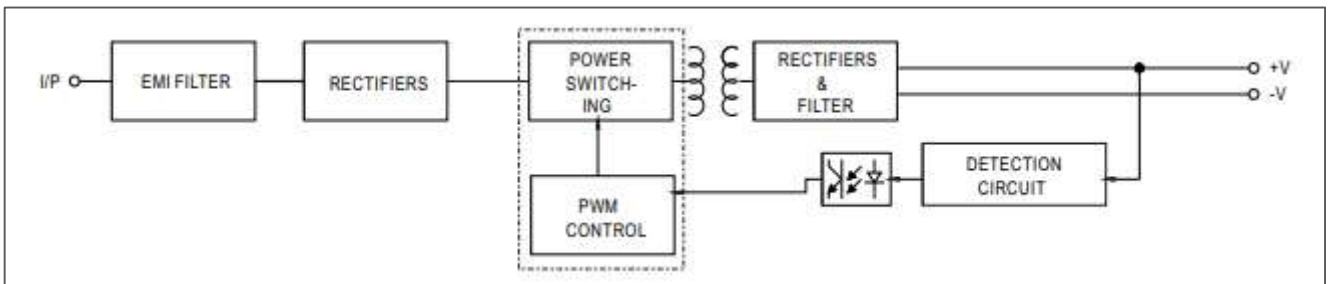
Environment temperature(°C)

Minus output and input voltage curves



Input voltage(VAC)

Functional Diagram



FORTEC

GROUP

Our company network supports you worldwide with offices in Germany, Austria, Switzerland, the UK and the USA. For more information please contact:

FORTEC

GROUP

FORTEC Elektronik AG | Augsburgener Straße 2b | 82110 Germering
+49 89 894450-0
info@fortecag.de | www.fortecag.de

FORTEC

INTEGRATED

FORTEC Integrated GmbH | Augsburgener Straße 2b | 82110 Germering
+49 89 894363-0
info@fortec-integrated.de | www.fortec-integrated.de

FORTEC

POWER

FORTEC Power GmbH | Lise-Meitner-Straße 3 | 64560 Riedstadt
+49 6158 8285-0
weborder@fortec-power.de | www.fortec-power.de

FORTEC

EGYPT

FORTEC Electronic Design and Solution Egypt SMLC | Linx Business Park
Unit B318 | Smart Village | Giza Governorate
info@fortec-integrated.de | www.fortec-integrated.de

Autronic Steuer- und Regeltechnik GmbH | Siemensstraße 17
74343 Sachsenheim
+49 7147 24-0
vertrieb@autronic.de | www.autronic.de

FORTEC

CZECH REPUBLIC

FORTEC Czech Republic s.r.o. | Přátelství 275 | 330 02 Dýšina
+49 89 894363-0
info@fortec.cz | www.fortec.cz

FORTEC

UNITED STATES

FORTEC United States, Corp. | 87 Raynor Avenue Unit 1 | Ronkonkoma
NY | 11779 | +1 631 5804360
info@fortec.us | www.fortec.us

FORTEC

SWITZERLAND

FORTEC Switzerland AG | Bahnhofstraße 3 | 5436 Würenlos
+41 44 7446111
info@fortec.ch | www.fortec.ch

FORTEC

UNITED KINGDOM

FORTEC Technology UK Ltd. | Osprey House | 1 Osprey Court
Hinchingsbrooke Business Park | Huntingdon | Cambridgeshire | PE29 6FN
+44 1480 411600
info@fortec.uk | www.fortec.uk