

## Features

- Input voltage 220~240V AC
- Fully isolated Plastic Enclosure Class II
- Approved to UKCA, CE, TUV, RoHS, REACH
- EN 61347-1/EN 61347-2-13 Safety Approved
- Working Temperature -20°C ~ +45°C
- Typical Efficiency 86%

## RS PRO LED Driver Constant Voltage

RS Stock No.: 0625750



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Certified to UKCA, CE, TUV, RoHS, REACH & EN 61347-1/EN 61347-2-13 Standards and complies with the relevant Efficiency Regulations.  
These are primarily used in LED Lighting Industries.

## Input Specifications

Input Voltage	220-240VAC
AC Current	0.5AMAX at full load
Inrush Current	< 65A at 230VAC/50Hz at full load
Leakage Current	< 0.25mA/220VAC
THD (full load)	<20%
Unload Power Consumption	<0.5W
Power Factor	≥0.995@Full load 220~240V AC

## Output Specifications

Voltage Tolerance	±5%
Line Regulation	±3%
Load Regulation	±5%
Set up, Rise Time, hold up time	1s, 20ms/60ms 2030VAC at full load

## Protection Specifications

Over Load	Yes, Protection type: Auto Restore
	Protection Type: Hiccup mode, recovers automatically after fault condition is removed
Short Circuit	Yes, Protection type: Auto Restore
Over Voltage	Yes, Protection type: Auto restore
	Protection Type: Shut down o/p voltage, re-power on to recover

## Environmental

Working Temp	-20□~+45□
Humidity	20~95%RH
Storage Temp	-40□~+85%□
Max Case Temperature	+85°C
Lifetime	>30000hours@ta 40°C

## Safety & EMC

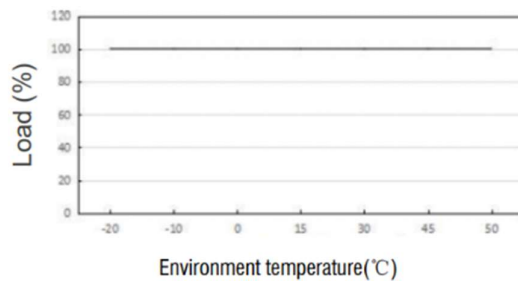
Safety Regulations:	EN61347-2-12:2014+A1:2017, EN61347-1:2015+A1:2021;EN62493:2015
Withstand Voltage:	I/P-O/P:3750VAC
Harmonic:	EN61000-3-2 Class C EN61000-3-3
EMI:	Compliance to EN55015
EMS:	Compliance to EN61547:2009

## Other Specifications

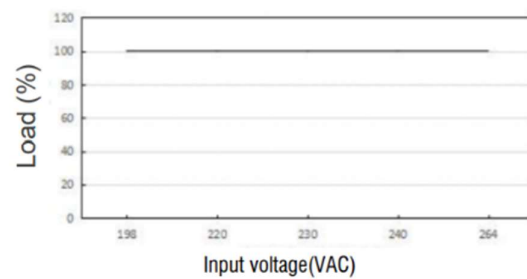
MTBF	200,000 Hours Minimum at full load at 25□ ambient
Case Material	Plastic

IP Grade	IP20
Size	305x30x17mm
Weight	150g/ pcs
Packaging	100pcs

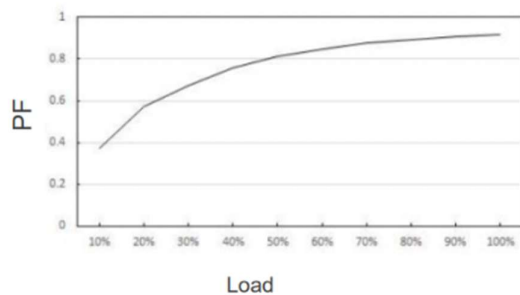
**Deduction Curve  
and Temperature**



**Minus Output  
and Input Voltage Curves**



**Power Factor (PF) Curves**



**Efficiency Vs Load**

