

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

Safety & EMC

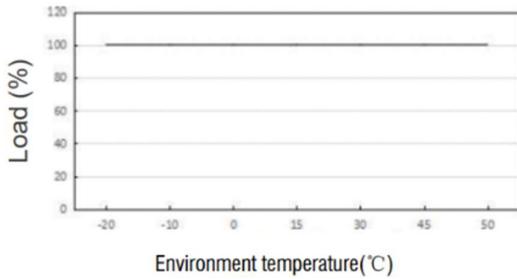
Safety Regulations:	EN61347-2-12:2014+A1:2017, EN61347-1:2015+A1:2021;EN62493:2015
Withstand Voltage:	I/P-0/P:3750VAC
Harmonic:	EN61000-3-2 Class C EN61000-3-3
EMI:	Compliance to EN55015
EMS:	Compliance to EN61547:2009

Other Specifications

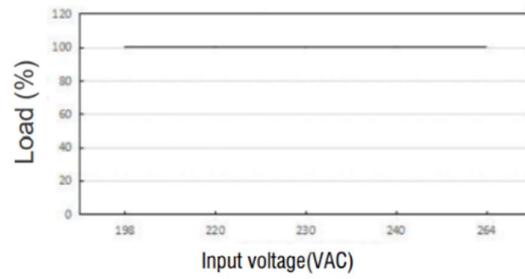
MTBF	200,000 Hours Minimum at full load at 25°C ambient
Case Material	Plastic

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

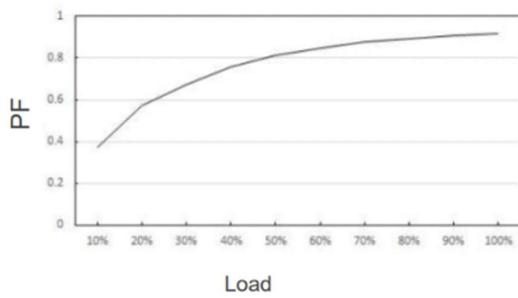
**Deduction Curve
and Temperature**



**Minus Output
and Input Voltage Curves**



Power Factor (PF) Curves



Efficiency Vs Load

