

## 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%



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 and customised solutions are available upon request.

### Models

Model Number	DC Voltage (V)	Rated Current (A)	Rated Power (W)	Efficiency (%)	Ripple & Noise (mVp-p)
56YSL75T-1206250	12	6.25	75	86	400
56YSL75T-2403125	24	3.125	75	86	400
56YSL75T-3602080	36	2.08	75	86	400
56YSL75T-4801560	48	1.56	75	86	400

### 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	<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**

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

**Environmental Characteristics**

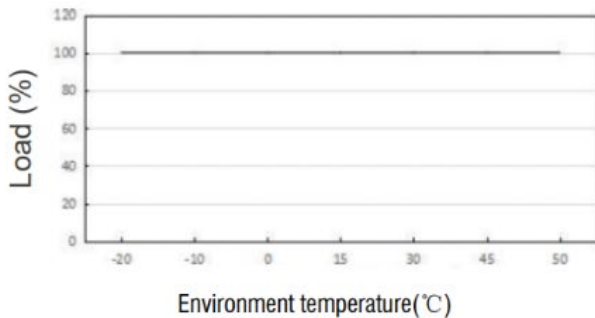
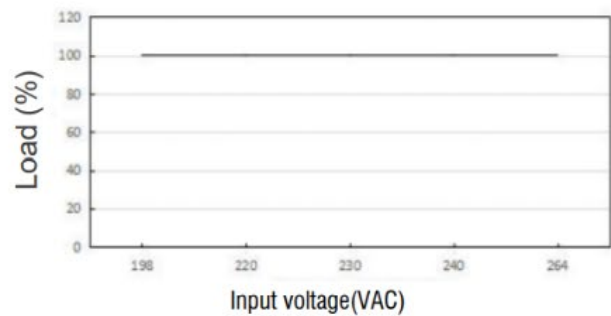
Working Temp	-20°C~+45°C
Humidity	20~95%RH
Storage Temp	-40°C~+85°C
Max Case Temperature	+85°C
Lifetime	>30000hours@ta 40°C

**Safety & EMC**

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

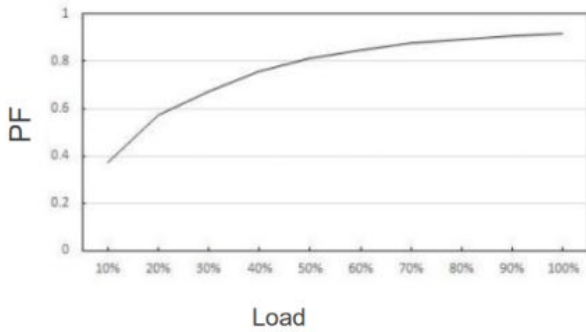
**Other Specifications**

MTBF	200,000 Hours Minimum at full load at 25°C ambient
Case Material	Plastic
IP Grade	IP20
Size	305x30x17mm
Weight	150g/ pcs
Packaging	100pcs

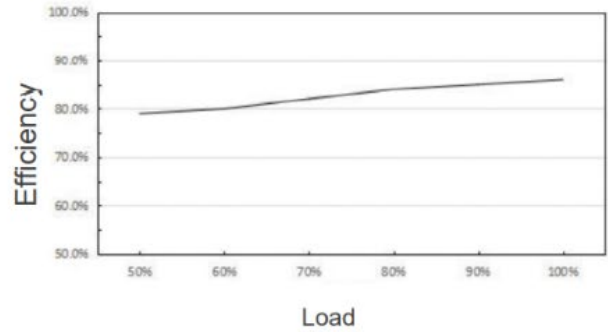
**Derating Curve**
**Deduction Curve and Temperature**

**Minus Output and Input Voltage Curves**


**Derating Curve Continued**

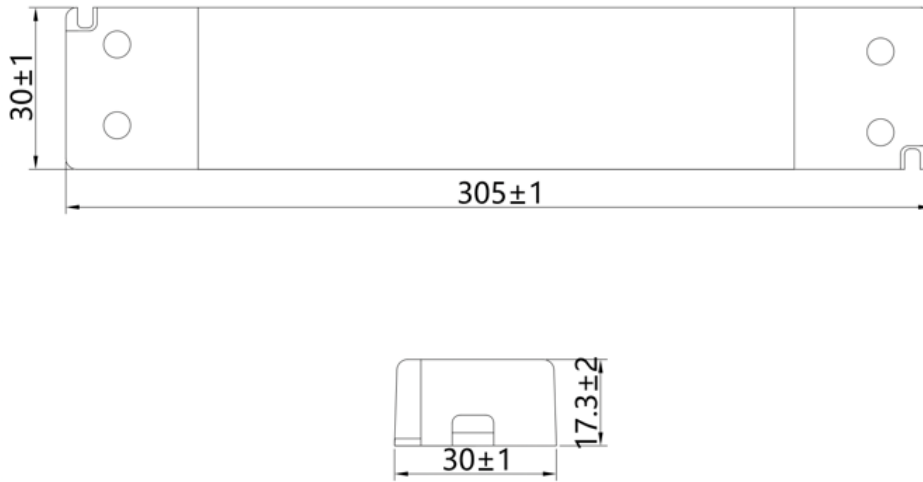
**Power Factor (PF) Curves**



**Efficiency Vs Load**



**Dimensions and Recommended Layout**



**Wiring Diagram**

