

Features

- Compact Size
- Constant Voltage (CV)
- Input Voltage Range 220~240V AC
- Protection OVP, OLP, SCP
- Working Temperature -20°C ~ +45°C
- Class II Protection Design
- Flicker-free Design
- IP20



Certified to UKCA, CE, TUV-GS, RoHS, REACH & IEC 61347-1/IEC 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.

60W Models

Model Number	DC Voltage (V)	Rated Current (A)	Rated Power (W)	Efficiency (%)	Ripple & Noise (mVp-p)
56YSL100F-1205000	12	5	60	92	400
56YSL100F-2402500	24	2.5	60	92	400
56YSL100F-3601660	36	1.66	60	92	400
56YSL100F-4801250	48	1.25	60	92	400

75W Models

Model Number	DC Voltage (V)	Rated Current (A)	Rated Power (W)	Efficiency (%)	Ripple & Noise (mVp-p)
56YSL100F-1206250	12	6.25	75	92	400
56YSL100F-2403125	24	3.125	75	92	400
56YSL100F-3602080	36	2.08	75	92	400
56YSL100F-4801560	48	1.56	75	92	400

100W Models

Model Number	DC Voltage (V)	Rated Current (A)	Rated Power (W)	Efficiency (%)	Ripple & Noise (mVp-p)
56YSL100F-1208330	12	8.33	100	92	400
56YSL100F-2404160	24	4.16	100	92	400
56YSL100F-3602770	36	2.77	100	92	400
56YSL100F-4802080	48	2.08	100	92	400

Input Specifications

Input Voltage	220-240VAC/198-264VAC	
Frequency Range	50-60Hz	
AC Current	0.6AMAX@Full Load	100W
	0.5AMAX@Full Load	75W, 60W
Inrush Current	<65 Amps at 230VAC/50Hz@full load	
Leakage Current	<0.25mA/240VAC	
THD (Full Load)	<20%	
Unload Power Consumption (W)	<0.5	
Power Factor	≥0.9@Full Load 220-240VAC	

Output Specifications

Voltage Tolerance	±5.0%
Line Regulation	±3.0%
Load Regulation	±5.0%
Set up, Rise, Hold up Time	1s, 10ms/60ms 230VAC @ full load

Protection

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

Environmental Characteristics

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

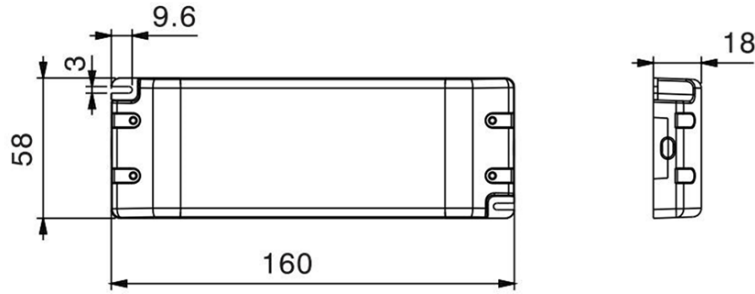
Safety & EMC

Safety Standards	EN61347-2-13:2014+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

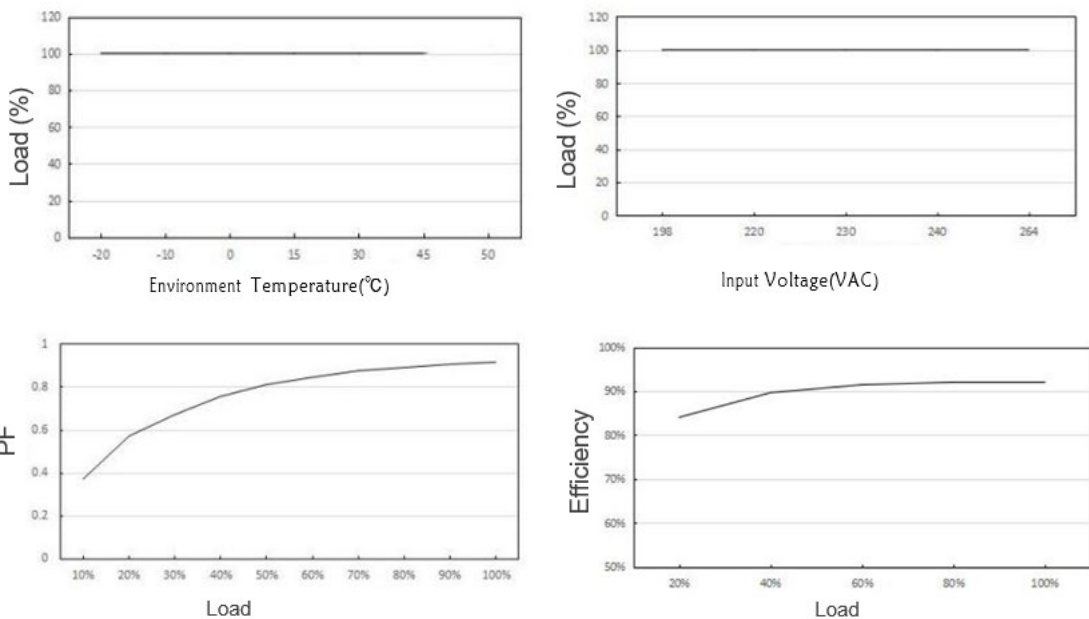
Other

MTBF	200,000 Hours Minimum at Full Load at 25°C Ambient
Case Material and Size	Plastic
IP Grade	IP20
Size	160*58*18mm
Weight	255g / pcs
Packaging	50PCS/CTN,35*14.5*35cm

Dimensions and Installation



Curves



Wiring Diagram

