

## Features

- Input Voltage Range 220~240V AC
- Protection OVP, OLP, SCP
- Working Temperature -20°C ~ +45°C
- Class II Protection Design
- Flicker-free Design
- Dimming Available
- IP67 Waterproof



Certified to UKCA, 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.

### Models

Model Number	DC Voltage	Rated Current (A)	Rated Power (W)	Efficiency	Ripple & Noise
56YCL100-1208330	12	8.33	100	92	400
56YCL100-2404160	24	4.16	100	92	400
56YCL100-3602770	36	2.77	100	92	400
56YCL100-4802080	48	2.08	100	92	400

### Input Specifications

Voltage Range	220-240/198-264VAC
Frequency Range	50/60Hz
Power Factor	≥0.9@Full load 220-240VAC
Ac Current (Typ.)	0.6AMAX@Full load
Inrush Current (Typ.)	<65 Amps at 230VAC/50Hz@Full load

### Output Specifications

Voltage Tolerance	±5%
Line Regulation	±3%
Load Regulation	±5%
Setup, Rise Time, Hold Up Time (Typ.)	1s, 10ms/60ms 230VAC @ Full load

**Protection**

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

**Environmental Characteristics**

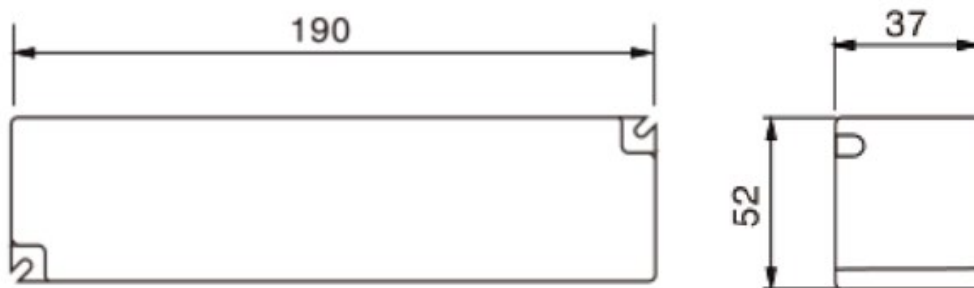
Operating Temp	-20°C ~ +45°C
Storage Temp	-40°C ~ +85°C
Humidity	20 ~ 95% RH
Max Case Temp	+85°C

**Safety**

Safety Regulations:	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

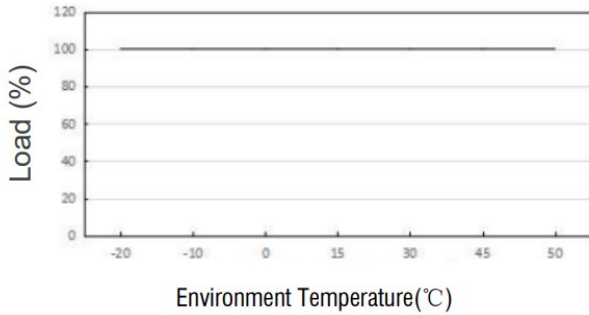
**Other Specifications**

Lifetime	>30000hours@ta 40%
MTBF	200,000 Hours Minimum at Full Load at 25°C Ambient
Case material	Plastic
IP Grade	IP67
Size	190*52*37mm(L*W*H)
Weight	610g/ pcs
Packaging	20pcs/ CTN

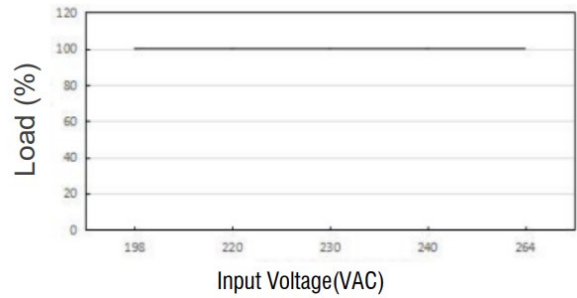
**Dimensions and Installation**


**Curves**

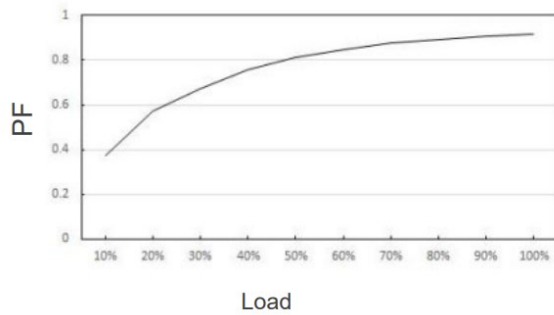
Deduction curve and temperature



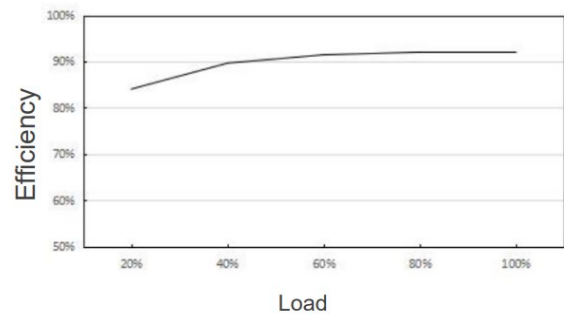
Minus Output and Input Voltage Curve



Power Factor (PF) Curves



Efficiency vs Load


**Wiring Diagram**
