

## 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 CE, 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
56YCL15-1201500	12	1.5	18	86	400
56YCL15-2400750	24	0.75	18	86	400
56YCL15-3600500	36	0.5	18	86	400
56YCL15-4800375	48	0.375	18	86	400

### Input Specifications

Voltage Range	220-240/198-264VAC
Frequency Range	50/60Hz
Power Factor	≥0.7@Full load 220-240VAC
Ac Current (Typ.)	0.2AMAX@Full load
Inrush Current (Typ.)	<65 Amps at 230VAC/50Hz@Full load
THD (Full load)	<20%
Unload Power Consumption	<0.5W

### 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**

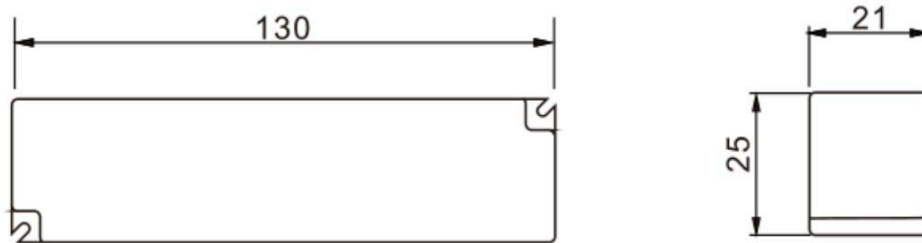
Operating Temp	-20°C ~ +45°C
Storage Temp	-40°C ~ +85°C
Humidity	20 ~ 95% RH
Max Case Temp	+85°C

**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

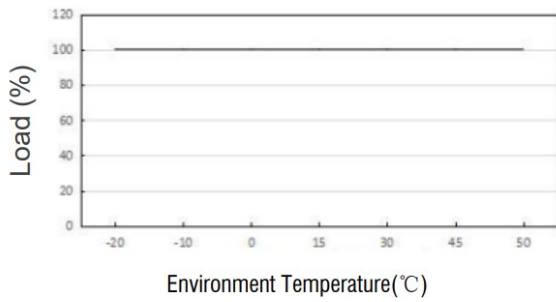
**Other Specifications**

Lifetime	>30000hours@ta 40%
MTBF	200,000 Hours Minimum at Full Load at 25°C Ambient
Case material	Plastic
IP Grade	IP20
Size	130*25*21mm(L*W*H)
Weight	150g/ pcs
Packaging	50pcs/ CTN

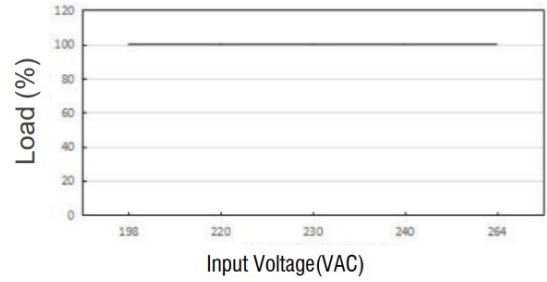
**Dimensions and Installation**


Curves

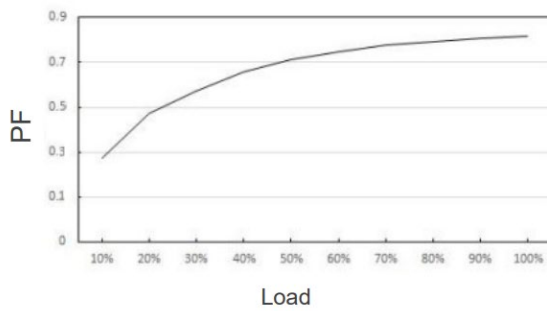
Deduction curve and temperature



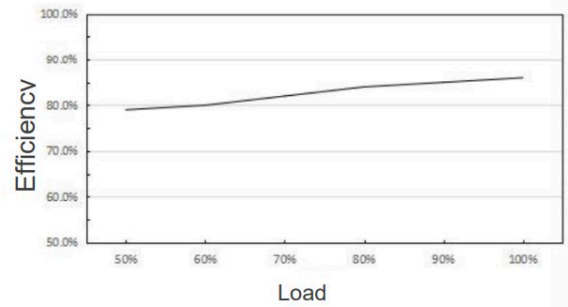
Minus Output and Input Voltage Curve



Power Factor (PF) Curves



Efficiency vs Load



Wiring Diagram

