

YCL150-150W SERIES



Input: 220-240V 50/60Hz

Output Voltage: 12V,24V,36V,48V

Rated Power: 150W

Features

- flicker-free Design
- Protections: Over Voltage, Overload, Short Circuit,
- Class II Protection Design
- ERP:EU2019/2020
- IP67
- RoHS Compliance
- 100% full load burn-in test
- Dimming available

CE SELV ROHS

Application

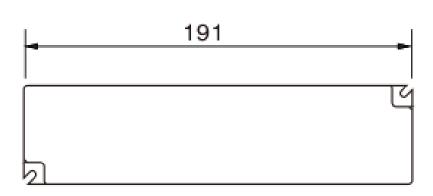
LED strips

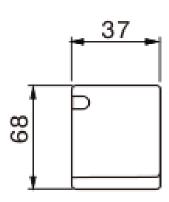
LED indoor lighting

LED decorative lighting

LED building lighting

Dimensions and Installation







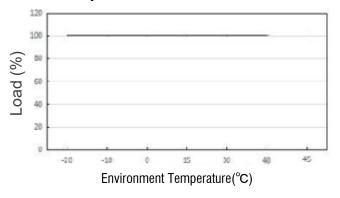
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MODEL DETAIL SPEC.		YCL150-12012500	YCL150-24006250	YCL150-36004160	YCL150-48003125	
INPUT	Input Voltage:	220-240VAC	220-240VAC			
	Range of Input Voltage:	198-264VAC				
	Input Frequency:	50/60Hz				
	Input Current:	0.9AMAX@Full Load				
	Inrush Current:	< 65 Amps at 230VAC/50Hz@full load				
	Leakage Current:	< 0.25mA/240VAC				
	THD (Full load):	< 20%				
	Unload Power Consumption:	< 0.5W				
	Average Efficiency:	92%				
	Power Factor:	≥0.9@Full Load 220-240VAC				
OUTPUT	DC Voltage:	12V	24V	36V	48V	
	Rated Current(Max):	12.5A	6.25A	4.16A	3.125A	
	Rated Power(Max):	150W	150W	149.76W	150W	
	Voltage Tolerance:	±5%				
	Ripple and Noise:	400mVp-p	400mVp-p	400mVp-p	400mVp-p	
	Line Regulation:	±3%				
	Load Regulation:	±5%				
	Setup, Rise, Hold Up Time:	1s, 10ms/60ms 230VAC @ full load				
ENVIRONMENTAL	Operating Temperature Ta:	-20°C ~ +40°C				
	Storage Temp:	-40°C ~ +85°C				
	Maximum Case Temperature Tc:	+85°C				
	Humidity:	20 ~ 95% RH				
	Lifetime:	>30000hours@ta 40°C				
PROTECTION	Over Load:	Yes , Above 105%-130% rated output power				
		Protection type: Hiccup mode, recovers automatically after fault condition is removed				
	Over Voltage:	Yes , 12V:13.8 ~ 16.2V 24V:27.6 ~ 32.4V 36V:41.4~48.6V 48V: 55.2~64.8V				
		Protection type: Shut down o/p voltage, re-power on to recover				
	Short Circuit:	Yes , Protection type:Hiccup mode, recovers automatically after fault condition is removed				
	Over Temperature:	Yes , Protection type: Auto Restore				
SAFETY & EMC	Safety Regulations:	EN61347-2-13:2014+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	MTBF:	200,000 Hours Minimum at Full Load at 25°C Ambient				
	Case Material and Size:	Plastic				
	IP Grade:	IP67				
	Size:	191*68*37mm				
	Weight:	820g / pcs				
	Packaging:	20PCS/CTN				

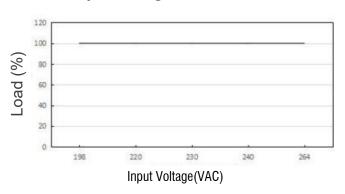


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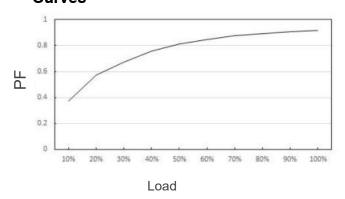
Deduction Curve and Temperature



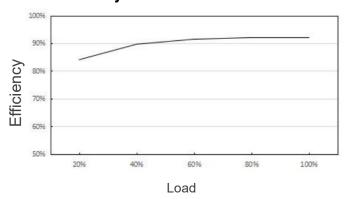
Minus Output and Input Voltage Curves



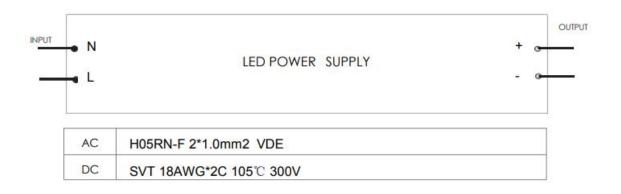
Power Factor (PF) Curves



Efficiency Vs Load



Wiring Diagram



Manufacturer's address:

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