

FEATURES

15W Constant Current LED Driver

LGU-015 Series

- Universal AC input 90~264V AC
- Class II Input
- Certified to UL/cUL 8750
- Operation from -20°C-70°C full load
- IP67
- Class 2 Output
- RoHS Compliant
- 2 Year Warranty



Model #	Output Current	Output Voltage Range	PF		Efficiency @ 240 Typ.
			120VAC	240VAC	
LGU-015S012-125PSC	1250mA	8~12V	0.88	0.8	81.0%
LGU-015S022-070PSC	700mA	14~22V	0.88	0.8	83.0%
LGU-015S030-050PSC	500mA	24~30V	0.88	0.8	83.0%
LGU-015S042-035PSC	350mA	26~42V	0.88	0.8	84.0%

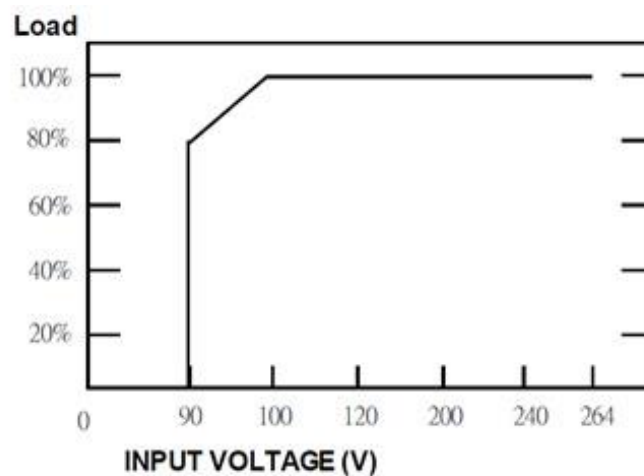
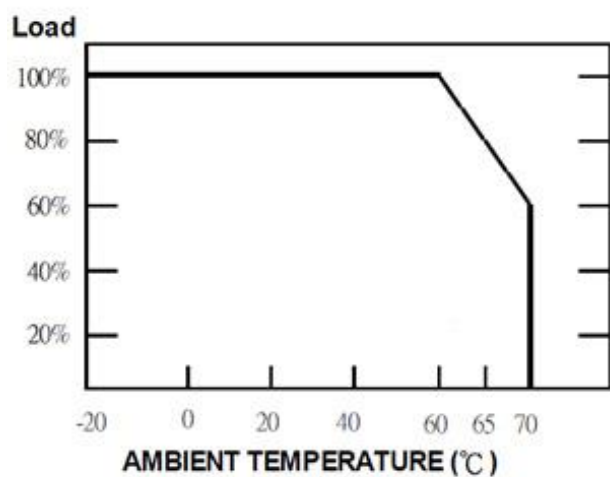
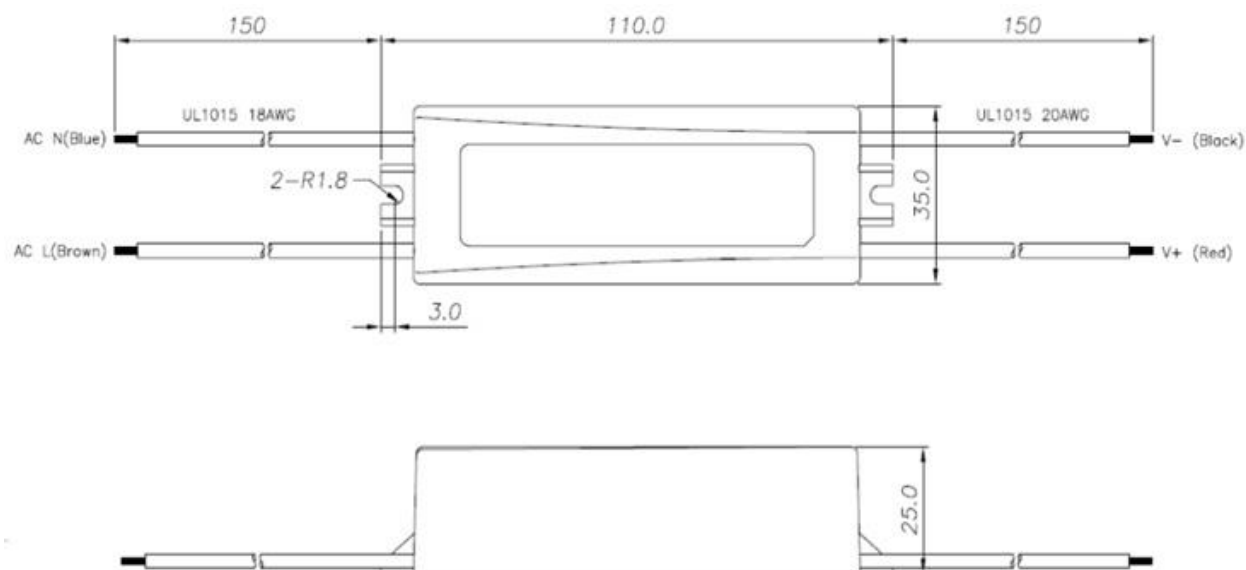
Output	Turn-on Delay Time	<500ms @ full load (Typ.)	
	Leakage	<0.25mA / 230 VAC	
Input	Voltage Range	90V AC ~264 VAC	
	Frequency Range	47Hz ~63Hz	
	Inrush Current	11A @ 115V AC / 15A @ 230VAC	
	AC Current (Typ.)	0.25A @ 115V AC / 0.1A @ 230VAC	
Protections	Short Circuit	Protection type : Hiccup mode, recovers automatically after fault condition is removed	
	Over Temperature	95°C± 10°C	
Environmental	Temperature Range	Operational	- 20°C ~ 70°C (See derating Curve)
		Storage	- 40 ~ +80°C
	Humidity	Operational	20% ~ 100% RH
		Storage	10% ~100% R.H
Safety & EMC	Safety Standards	EN61347-1,EN61347-2-13,UL8750 compliance to UL1310	
	EMI Conduction & Radiation (2)	Meets EN55015, FCC part 15 B	
	EMS Immunity(2)	EN61000-4-2,3,4,5,6,11, EN61547	
Others	MTBF	200,000 hours	
	Dimension	(L*W*H) 110*35*25mm	
	Weight	140g	



Notes

1. All parameters NOT specially mentioned are measured at 240V AC input, rated load and 25°C ambient temperature.
2. The power supply is considered a component which will be installed in final equipment.
The final equipment must be re-confirmed that it still meets EMC directives.

Mechanical Specifications



PART NUMBER SCHEME

LGU- 015Svvv-aaaPSC

LG=LED Driver, "G" Series

U= Universal Input 90~264Vac

015= Output Power (Watts)

S=Single Output

C= Constant Current

S= Class II, 2 Wire Input

P=Plastic Case

aaa = Constant Current

vvv= Max. Voltage

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AUTC IS NOT RESPONSIBLE FOR ISSUES ARISING FROM ERRORS OR OMMISIONS

