

FEATURES

- For high brightness Light-Emitting Diode products
- Universal AC input 90~264 AC
- Fully isolated plastic case
- Operation from -20°~60°C full load
- Class II power design without earth pin
- IP67 Class

15W Constant Voltage

LGUV-015 Series



SPECIFICATION

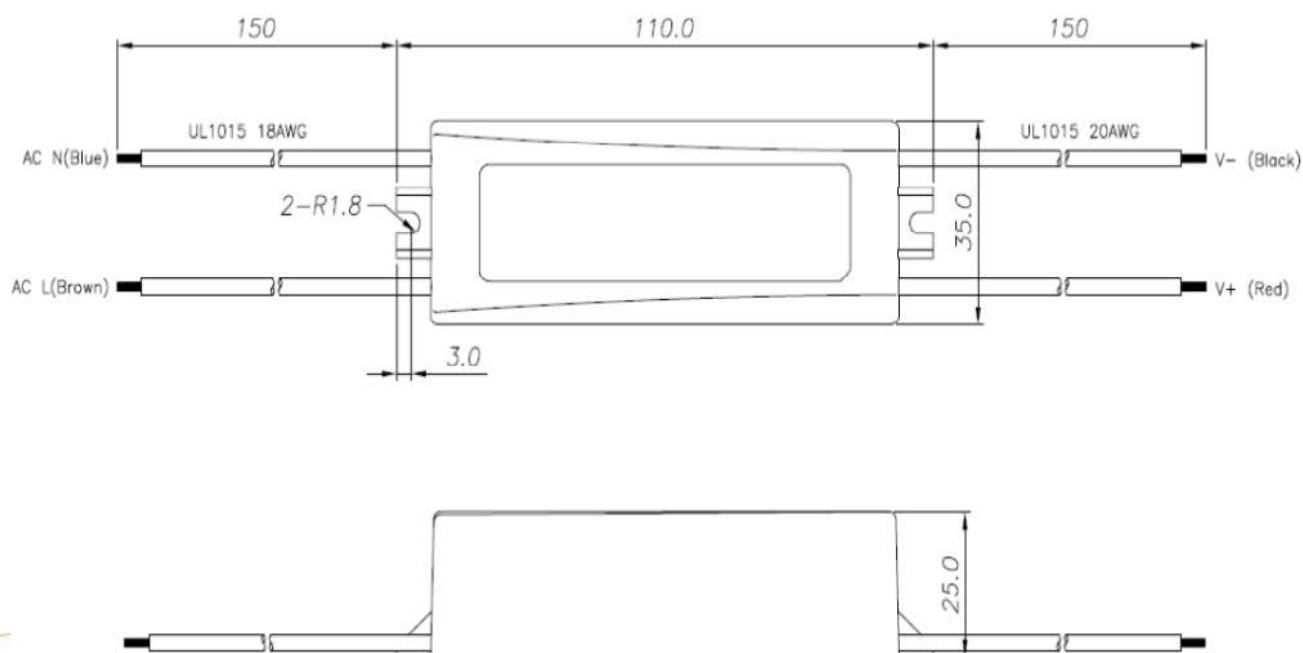
Model		LGUV-015S012PS	LGUV-015S024PS	LGUV-015S036PS	LGUV-015S048PS	
Output	Voltage	12V	24V	36V	48V	
	Constant Current	0-1250 mA	0-630 mA	0-420 mA	0-300 mA	
	Ripple & Noise (2)	180mVpp	240mVpp	360mVpp	400mVpp	
	Turn-on Delay Time (typ-max)	<500ms at full load				
	Leakage	<0.25mA / 230V AC				
Input	Voltage Range		90V AC ~294V AC			
	Frequency Range		47Hz ~63Hz			
	PFC	120VAC	0.88	0.88	0.88	
		240VAC	0.8	0.8	0.8	
	Efficiency (Typ.) at 240V AC		81.0%	83.0%	83.0%	84.0%
	Inrush Current		11A at 115V AC / 15A at 230V AC			
	AC Current (Typ.)		0.25A @ 115V AC / 0.1A @ 230V AC			
Protections	Over load	130% ~ 160% rated output power				
	Short Circuit	Protection type : Hiccup mode, recovers automatically after fault condition is removed				
	Over Temperature	95°C ±10°C Type : Hiccup mode				
Environmental	Temperature Range	Operational		- 20°C ~ 60°C		
		Storage		- 40 ~ +80°C		
	Humidity	Operational		20% ~ 95% RH		
		Storage		10% ~95% R.H		
Safety & EMC	Safety Standards	EN61347-1,EN61347-2-13,UL8750 refer 1310				
	EMI Conduction & Radiation	Meet Compliance to EN55015, FCC part 15 B				
	EMS Immunity	EN61000-4-2,3,4,5,6,11,EN61547				
Others	MTBF	200,000 HOURS				
	Life Time					
	Dimension	Millimeters (L*W*H) 110*35*25				
	Weight	0.14KG				



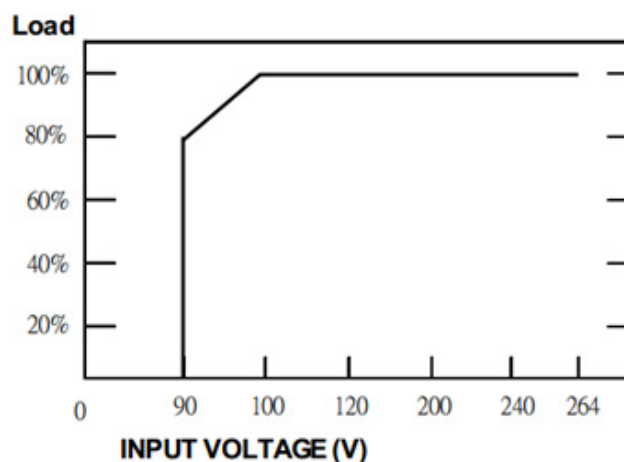
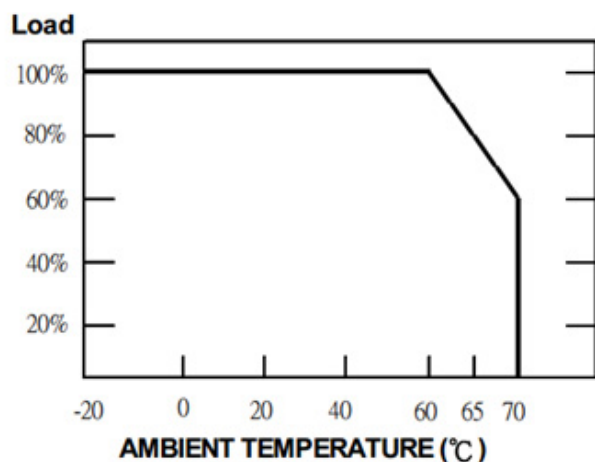
Notes

1. All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C ambient temperature.
2. Ripple noise are measured at 20MHZ bandwidth oscilloscope and with 0.1uf & 47uf parallel capacitor.
3. The power supply is considered a component which will be installed a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.

Mechanical Specifications

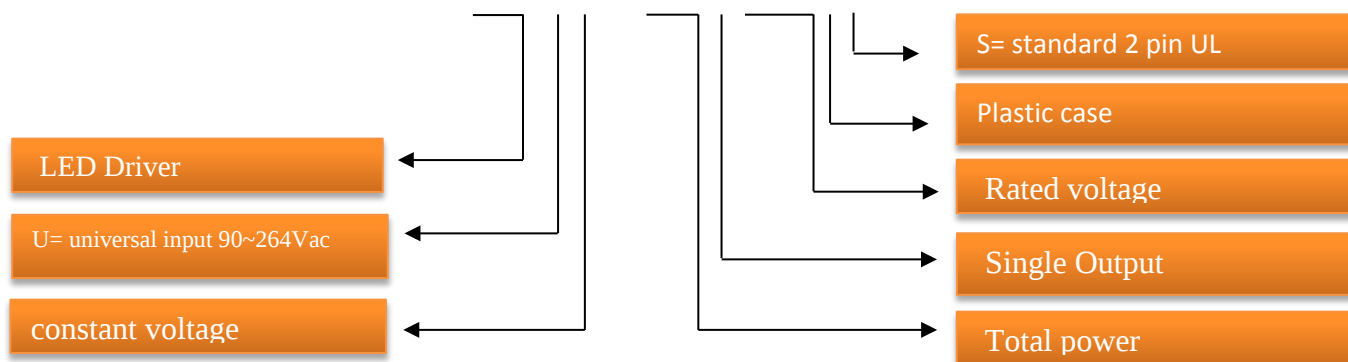


Derating Character



PART NUMBER SCHEME

LGUV-015S024PS



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

