

FEATURES

- Universal AC input 90~264V AC
- Class 2 power supply unit
- Constant voltage mode
- Withstand 277V AC surge input for 10 seconds
- Built-in Active PFC function
- Fully insulated case with IP67 level
- Cooling by free air convection

35W Constant Voltage

LGUV-035Series



SPECIFICATION

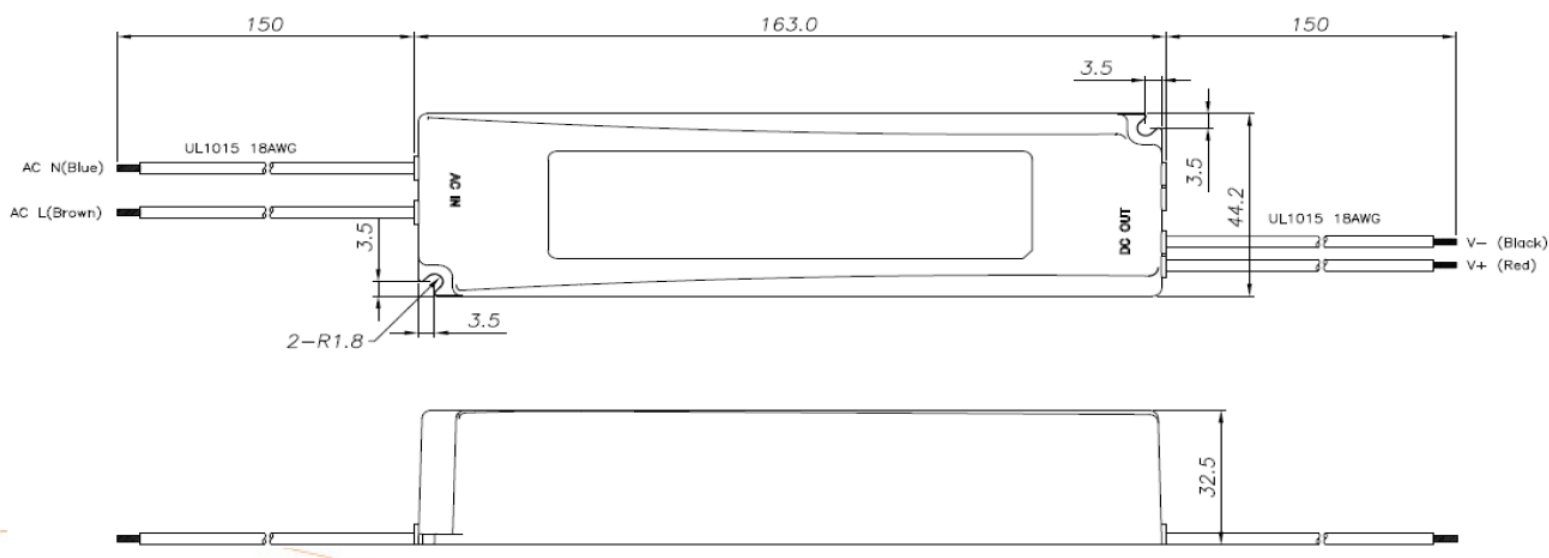
Model		LGUV-035S012PS	LGUV-035S024PS	LGUV-035S030PS	LGUV-035S048PS	
Output	Voltage Range	12V	24V	30V	48V	
	Constant Current	0-2500 mA	0-1250 mA	0-1050 mA	0-700 mA	
	Ripple & Noise (1)	3Vp-p	3Vp-p	3Vp-p	4Vp-p	
	Turn-on Delay Time (typ-max)	1 Sec. /230V AC, 2 Sec./ 115V AC, at full load.				
	Leakage	<0.5mA / 240V AC				
Input	Voltage Range		90~264V AC or 127~370V DC			
	Frequency Range		47Hz ~63Hz			
	PFC	115VAC	0.95	0.95	0.95	0.95
		230VAC	0.85	0.85	0.85	0.85
	Efficiency (Typ.) at 115Vac		82.0%	84.0%	85.0%	86.0%
	Inrush Current		60A @ 230V AC			
	AC Current (Typ.)		0.4A @ 115V AC / 0.25A @ 230V AC			
	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 ~ 70°C	
			Storage		- 40 ~ +80°C	
	Humidity		Operational		10% ~ 90% RH	
			Storage		10% ~95% R.H	
Safety & EMC	Safety Standards		UL1310 Class 2, EN61347-1,EN61347-2-13, IP67 approved			
	EMI Conduction & Radiation		Meet Compliance to EN55015			
	EMS Immunity		EN61000-4-2,3,4,5,6,11,EN61547			
Others	MTBF		200,000 HOURS			
	Life Time					
	Dimension		Millimeters (L*W*H) 163*45*33			
	Weight		0.37KG			



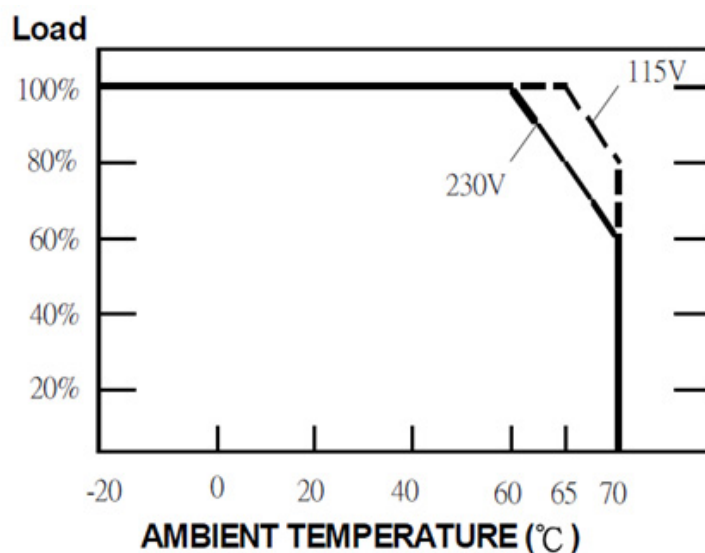
Notes :

1. Ripple & Noise are measured at 20MHz bandwidth with 0.1uf ceramic & 47uf electrolytic capacitors in parallel.
2. Voltage tolerance: includes line regulation, load regulation and set-up tolerance.
3. All specifications not specially mentioned are measured at 115V AC and 25°C ambient temperature.

Mechanical Specifications

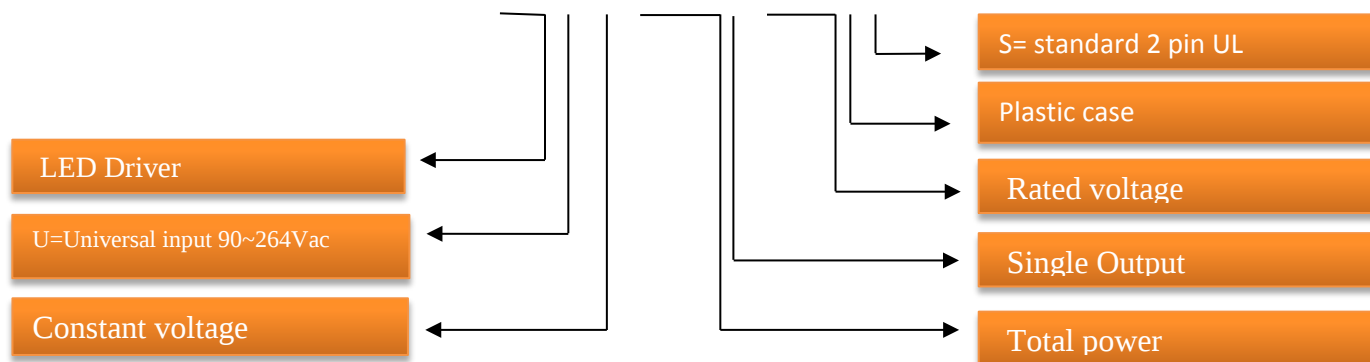


Derating Character



PART NUMBER SCHEME

LGUV-035S030PS



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