

FEATURES

35W Constant Voltage

LGU-035Series

- Universal AC input 90~264V AC
- Withstand 277V AC surge input for 10 seconds
- Built-in Active PFC function
- Fully insulated case with IP67 level
- Cooling by free air convection
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SPECIFICATIONS

Model #	Output Voltage	Current Range	Ripple & Noise (1)	Efficiency @ 115VAC
LGU-035S012-250PSV	12V	0-2500mA	3Vp-p	82.0%
LGU-035S024-125PSV	24V	0-1250mA	3Vp-p	84.0%
LGU-035S030-105PSV	30V	0-1050mA	3Vp-p	85.0%
LGU-035S048-070PSV	48V	0-700mA	4Vp-p	86.0%

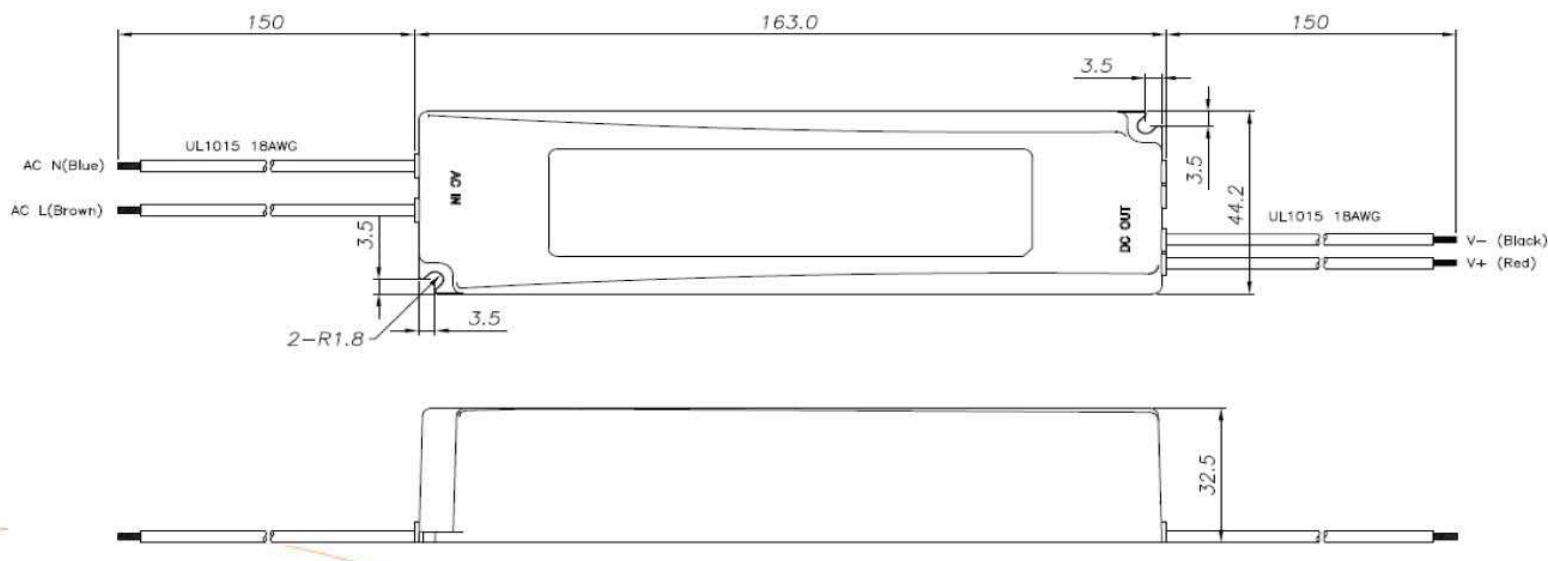
Output	Turn-on Delay Time	1 sec. / 230VAC, 2 sec. / 115VAC, at full load	
	Leakage	<0.5mA / 240VAC	
Input	Voltage Range	90~264VAC or 127~370VAC	
	Frequency Range	47Hz~63Hz	
	PF	0.95 @ 115VAC / 0.85 @ 230VAC	
	Inrush Current	60A @ 230VAC	
	AC Current	0.4A @ 115VAC / 0.25A @230VAC	
Protection	Short Circuit Protection	Protection type: Hiccup mode, recovers automatically after fault condition is removed	
	Over Temperature Protection	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%RH
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	
	Dimensions	(L*W*H) 163*45*33 mm	
	Weight	370g	



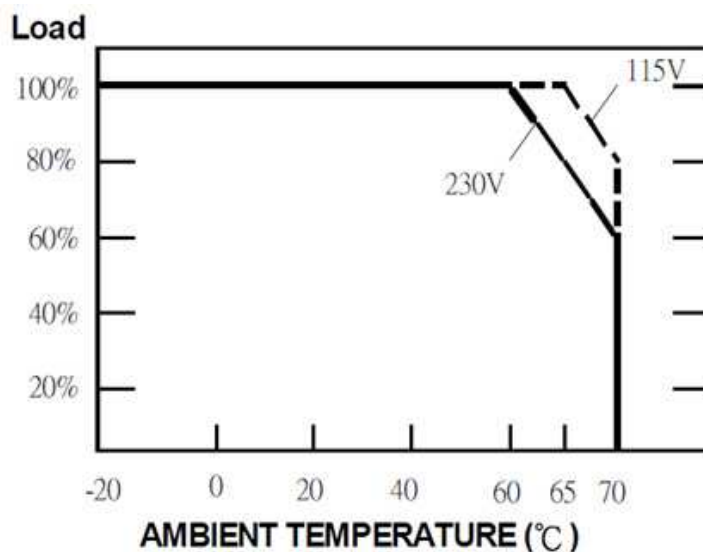
Notes :

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 Specification



Derating Curve



PART NUMBER SCHEME**LGU-035Svvv-aaaPSV**

L=LED Driver "G" Series

U=Universal Input 90~264Vac

035= Output (Watts)

S= Single Output

V= Constant Voltage Model

S= Class II, 2 Wire Input

P= Plastic Case

aaa= Max. Current

vvv= Constant voltage

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

