

## Model: GP-LC3536-05 (12 Watts single output)

### Features

- Universal AC Input 90~264VAC.
- Constant Current Operation.
- For High Brightness Light-Emitting Diode Products.
- Fully Isolated Plastic Case.
- Protections:OTP/OLP/ SCP.
- Operation from -20°C ~50°C at Full Load.
- Class II Power Design Without Earth Pin.
- Tc Point Measured ,Max Case Temperature:70°C.

### Approvals



### Size

65 \* 50 \* 28 mm (L\*W\*H)

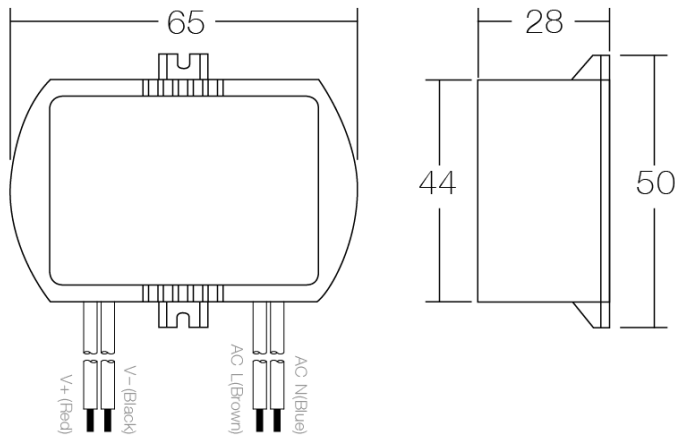


### Specifications

Model No.		GP-LC3536-05
Output	LED Operation Voltage	3-36VDC
	Rated Current Range	350mA ± 6%
	Rated Max. Power	12W
	Efficiency (Typ.) 230VAC	75%
	Rise Time	<250ms at full load
Input	Voltage Range	90V AC ~ 264VAC
	Frequency Range	47 Hz ~ 63 Hz
	AC Current	0.3A at 115V AC / 0.15A at 230V AC
	Inrush Current	10A
	Leakage Current	<0.25mA / 240VAC
Protections	Over Load	100~135% rated output power recovers automatically after fault condition has been removed.
	Short Circuit	Type: Hiccup mode, Recovers automatically after fault condition is removed.
Environment	Operation Temp	-20°C ~50°C full load .
	Operation Humidity	20% ~ 95% RH non-condensing.
	Storage Temp.	-20 ~ +80°C
	Storage Humidity	10% ~ 95% RH
	Vibration	10~500 Hz, 2G 10 min./1 cycle, period for 60 min. each along X, Y, Z axes.
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13
	Withstand Voltage	I/P - O/P: 3.75K VAC
	Isolation Resistance	>500M ohms / 500VDC at 25°C
	EMI Conduction & Radiation	EN55015
	Harmonic Current	Compliance to EN61000-3-2 Class C,EN61000-3-3
	EMS Immunity	EN61547, EN61000-4-2, 3, 4, 5, 6, 8, 11
Others	MTBF	200K hours min.MIL-HDBK-217F(25°C)
	Dimension(L x W x H)	65 x 50 x 28mm; 100.2g/ pcs

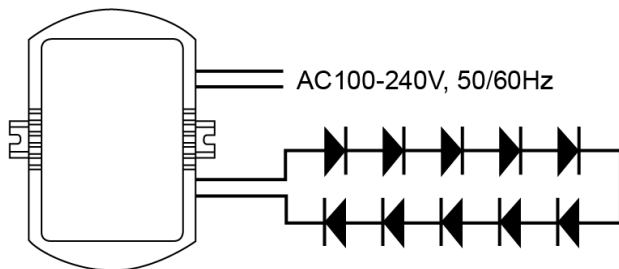
Note	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C ambient temperature.</li> <li>2. Constant current operation region is within the specified output voltage range above. This is the suitable operation region for LED related applications.</li> <li>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.</li> </ol>
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**Dimension** : Output connector with screw type

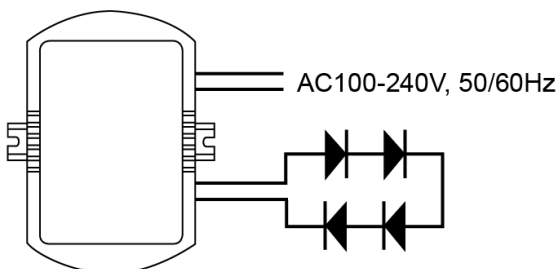


**Configuration arrays when using Hi power LEDs**

- GP-LC3536-05: Supply up to 10pcs of 1.2 W 350mA LEDs



- GP- LC7017-05: Supply up to 4pcs of 3W 700mA LEDs



Note 1: Lamps must be wired in parallel, and total value of amp should be under rated Max Amp.

Note 2: Parameter measured at full load 25°C ambient temperature.

Note 3: Two years warranty.