

## Model: GP-LC3522-03 (6 W)

### Features

- Universal AC Input Range. (up to 264 VAC)
- Constant Current Design.
- Class II Power Design without Earth Pin.
- Protections: SCP/OCP/OTP.
- Fully Isolated Plastic Case.

### Approvals



### Size

86 \* 45 \* 26 mm (L\*W\*H)

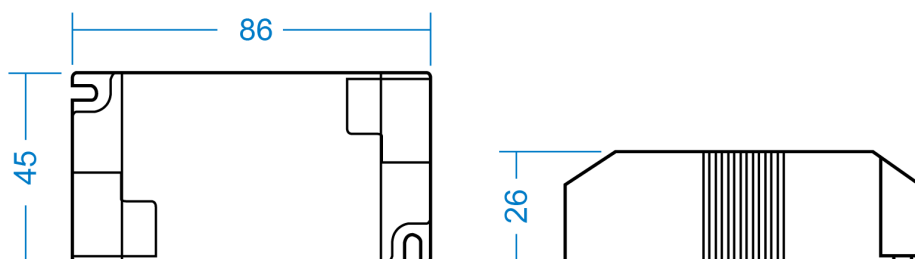


### Specifications

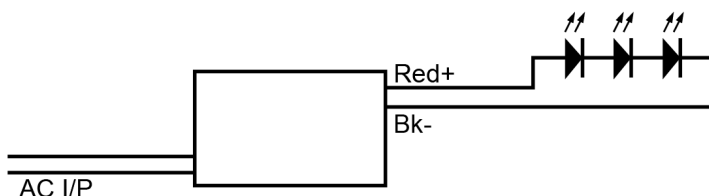
Model No.		GP-LC3522-03
OUTPUT	DC Voltage Range	3~22V
	Rated Current	350mA
	Rated Max. Power	6W
	Ripple & Noise (Max.)	0.3Vp-p
	Current Tolerance	± 6%
INPUT	Line Regulation	± 2%
	Load Regulation	± 6%
	Voltage Range	100-240 VAC
	Frequency Range	50/60 Hz
	Efficiency(Typ.)	82%
Protections	AC Current	0.2A at 115VAC; 0.1A at 230VAC
	Inrush Current(Max)	20A at 230VAC
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
Environment	Over Current	110 % -120 % Constant current limiting, auto-recovery
	Over Temperature	Shut down o/p voltage, recovers automatically after temperature goes down.
	Working Temp.	-10°C ~ 40°C (Refer to "Derating Curve")
	Working Humidity	20% ~ 90% RH non-condensing.
	Storage Temp., Humidity	-20 ~ +80°C ,10% ~ 95% RH
Safety & EMC	Safety Standards	meet EN61347-1,EN61347-2-13
	Withstand Voltage	I/P - O/P: 3.75K VAC
	Isolation Resistance	I/P - O/P:>100M Ohms /500Vdc / 25°C/70% RH
	EMC Emission	Compliance to EN55015
	EMC Immunity	Compliance to EN61547,EN61000-4-2,3,4,5,6,8,11
Connection	Input	3P screw terminal block ( pin2 NC )
	Output	4P screw terminal block

Others	Warranty	2 year; 100%Load 30°C,8 hours/day
	MTBF	100K hours min. @Ta=25 °C
	Dimension(L x W x H)	86 x 45 x 26 mm; 67g/pcs
Note	<ol style="list-style-type: none"> <li>All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C ambient temperature.</li> <li>Ripple &amp; Noise are measured at 20MHZ of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf paraliel capacitor.</li> <li>Tolerance : includes set up tolerance, line regulation and load regulation.</li> <li>Derating may be needed under low input voltage. Please check the static characteristics for more details.</li> <li>The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.</li> <li>Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time.</li> <li>The unit might not be suitable for lighting applications in EU countries. Please check with your local authorities for the possible use of the unit.</li> <li>Suitable for indoor use or outdoor use without direct sunlight exposure.</li> </ol>	

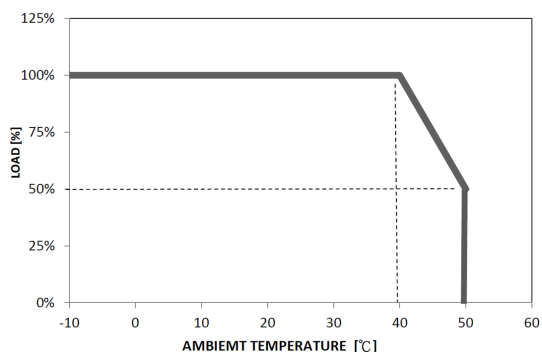
**Dimension**



**Recommended installation**



**Power Derating Curve**



**Power Static Characteristics**

