

Model: GP-HS05N Series

Features

- Universal AC Input 90~264VAC.
- Constant Current Operation.
- Suitable for High Brightness Light-Emitting Diode products.
- Protections: OCP / SCP.
- Cooling by Free Air Convection.
- IP67.

Approvals



Size

57*41*24 mm (L*W*H)

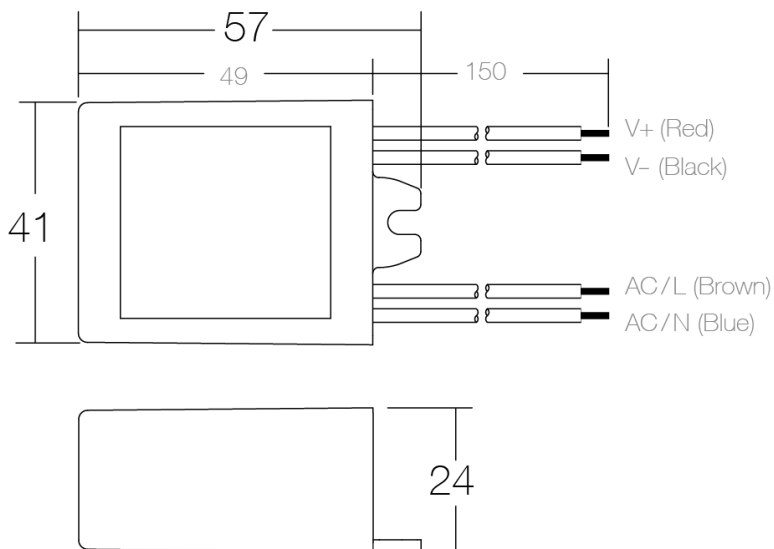


Specifications

	Model No.	GP-HS05N-07C	GP-HS05N-12C	GP-HS05N-24C
Output	DC Voltage	7.5V	12V	24V
	Constant Current Region Note.2	5 ~ 7.5V	7 ~ 12V	15 ~ 24V
	Rated Current	700mA	350mA	200mA
	Current Tolerance	±7%		
	Rated Power	5.2W	4.2W	4.8W
	Efficiency at 230V AC(Typ.)	70%	70%	70%
	Voltage Tolerance Note.3	±5%		
	Set up time (Max.)	< 1S		
Input	Voltage Range	90 – 264VAC		
	Rated Voltage	100 – 240VAC		
	Frequency Range	50 Hz - 60 Hz		
	AC Current (Max.)	0.15A at 115VAC / 0.1A at 230VAC		
Protections	Over Current	Constant current mode protection		
	Short Circuit	Type: Hiccup mode & recovers after fault condition disappeared.		
Environment	Operation Temp.	-20°C ~ 50°C		
	Operation Humidity	20% ~ 90% RH non-condensing.		
	Storage Temp.	-40 ~ +80°C		
	Storage Humidity	10% ~ 90% RH		
	Vibration	10~500 Hz, 2G 10 min./1 cycle, period for 60 min. each along X, Y, Z axes.		
Safety & EMC	Safety Standards	Compliance EN61347-1,EN61347-2-13 ,IP67		
	Withstand Voltage	I/P-O/P: 3.75KVAC		
	Isolation Resistance	I/P-O/P:100M ohms / 500VDC at 25°C		
	EMI Conduction & Radiation	Compliance to EN55015,FCC part 15		
	Harmonic Current	Compliance to EN61000-3-2 Class C,EN61000-3-3		
	EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11;EN61547		

Others	MTBF	200K hours min. MIL-HDBK-217F(25°C)
	Dimension(L x W x H)	57 x 41 x 24mm; 77.4g/pcs
Note	<ol style="list-style-type: none"> 1. All specifications not specially mentioned are measured at 230VAC and 25°C ambient temperature. 2. This is the suitable operation region for LED related applications, but please reconfirm special electrical requirements for some specific system design. 3. Voltage Tolerance: includes line regulation, load regulation and set-up tolerance. 	

Mechanical Specification



Derating Curve

