

Model: GP-HS05N Series

Approvals : 

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.
- * IP65



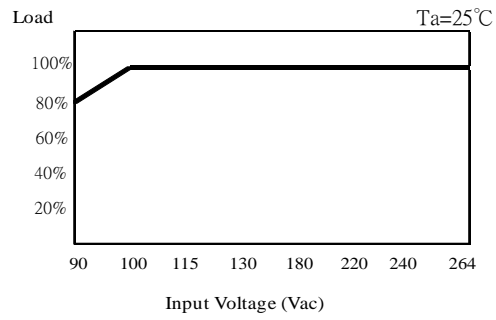
HS05N-xxC xx: for Output Voltage

C: mean that Constnt Current Mode

Specifications:

Model No.		HS05N-07C	HS05N-12C/ HS05N-12C1	HS05N-24C
Output	DC Voltage	7.5V	12V	24V
	Constant Current Region Note.2	3 ~ 7.2V	3 ~ 11.6V	10 ~ 23.2V
	Rated Current	700mA	350mA/400mA	200mA
	Current Tolerance	±5%		
	Rated Power	5.25W	4.2W/4.8W	4.8W
	Efficiency at 230Vac(Typ.)	70%	70%	70%
	Voltage Tolerance Note.3	±5%		
Set up time (Max.)	< 1S			
Input	Voltage Range	90 ~ 264Vac		
	Frequency Range	47 Hz ~ 63 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℃ ~ 40℃		
	Operation Humidity	20% ~ 90% RH non-condensing.		
	Storage Temp.	-40 ~ +80℃		
	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 ,IP65		
	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 A,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*W*H)	57*40.8*24 mm		
	Packing(L*W*H)/Carton	100pcs/Carton		
	Net Weight	74g		
Note	<p>1. All specifications not specially mentioned are measured at 230Vac and 25℃ ambient temperature.</p> <p>2. This is the suitable operation region for LED related applications, but please reconfirm special electrical requirements for some specific system design.</p> <p>3. Voltage Tolerance: includes line regulation, load regulation and set-up tolerance.</p>			

Derating Curve



Mechanical Specification

