

Model: GP-HS25P Series

Approvals : IP65 CE FC C  (except for 48V,52V)

Features:

- * Constant Voltage Operation.
- * Universal AC input 90~295Vac.
- * For High Brightness Light-Emitting Diode Products.
- * Built-in Active PFC Function.
- * Fully Isolated Plastic Case.
- * Protections: OVP / SCP / OTP.
- * Operation From -20°C~50°C Full Load.
- * Class 2 Power Supply Unit.
- * IP65 Class.



Size: 174.5 * 30.5 * 25 mm (L*W*H)

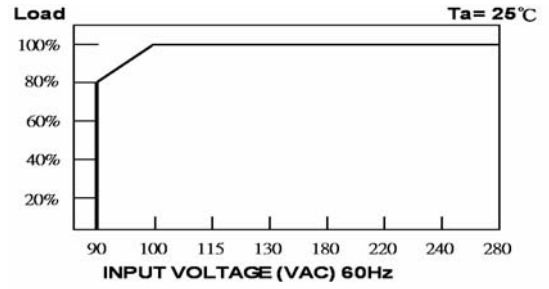
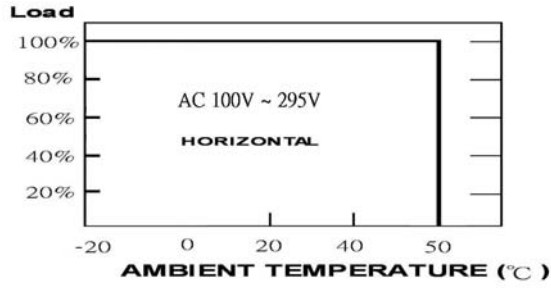


Specifications:

HS25P-xxV xx: for Output Voltage
V: mean that Constant Voltage Mode

Model No.		HS25P-12V	HS25P-18V	HS25P-24V	HS25P-36V	HS25P-48V	HS25P-52V	
Output	DC Voltage	12V	18V	24V	36V	48V	52V	
	Rated Current	2100mA	1400mA	1050mA	700mA	520mA	480mA	
	Rated Power	25.2W	25.2W	25.2W	25.2W	24.96W	24.96W	
	Ripple&Noise(Max.) Note.2	3V					4V	
	Efficiency at 240Vac(Typ.)	82%	83%	84%	85%	83%	84%	
	Voltage Tolerance Note.3	±5%						
Set up time (Max.)	2.5 Sec / 115Vac							
Input	Voltage Range	90 ~ 295Vac						
	Frequency Range	47 ~ 63 Hz						
	AC Current (Max.)	0.4A at 120Vac / 0.2A at 240Vac						
	Power Factor	>0.98 @ 120 Vac / >0.9 @ 240Vac / full load						
	Inrush Current (Max.)	COLD START 20A at 264 Vac						
	Leakage Current	<0.25mA / 230 Vac						
Protections	Over Load	Over rated current then output voltage derating						
	Short Circuit	YES, No Damage						
	Over Voltage	110% ~ 150% Output Voltage						
	Over Temperature	Rth: By NTC define Type: auto-recover mode						
Environment	Operation Temperature	-20°C ~ 50°C full load						
	Operation Humidity	20% ~ 95% RH non-condensing						
	Storage Temp.	-40 ~ +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	UL8750 , EN61347-1,EN61347-2-13, Independent ; IP65 Approved.						
	Withstand Voltage	Meet I/P-O/P: 3.75KVAC						
	Isolation Resistance	Meet I/P-O/P:100M ohms / 500VDC at 25 °C						
	EMI Conduction & Radiation	Meet Compliance to EN55015,FCC part 15						
	Harmonic Current	Meet Compliance to EN61000-3-2 Class C						
	EMS Immunity	Meet Compliance to EN61000-4-2,3,4,5,6,11;EN61547						
Others	MTBF	200K hours min. MIL-HDBK-217F(25 °C)						
	Dimension(L*W*H)	174.5*30.5*25 mm						
	Packing(L*W*H)/Carton	50pcs/Carton						
	Weight	0.22 Kg						
Note	1. All specifications not specially mentioned are measured at 230Vac and 25 °C ambient temperature. 2. Ripple & Noise are measured at 20MHz bandwidth by using a 12" twisted pair-wire terminated with 0.1uf & 47uf parallel capacitor. 3. Voltage Tolerance: includes line regulation, load regulation and set-up tolerance.							

Derating Curve



Mechanical Specification

