

Model: GP-LC5050-04 (25 Watts single output)

Features

- Universal Input Range from 100V-240V.
- Constant Current Models.
- Suitable for High Power LEDs Lighting Application.
- Terminal Screw for Safe Connection.
- Fly Leads 20AWG 15cm for Raped Connection.
- With PFC Function.
- IP20 for Dry Location.
- Tc Point Measured, Max Case Temperature: 70°C.
- Protections: Short-Circuit / Over Load / Over Heat.
- Protection : Auto-Recovery Mode.

Approvals



Size

141 * 45 * 26 mm (L*W*H)



Specifications

Model No.		GP-LC5050-04
Output	Voltage Range (VDC)	36-50VDC
	Ripple & Noise (max.)	4Vp-p
	Line Regulation	±3%
	Load Regulation	±5%
	Rated Current Range (mA)	500mA ± 6%
	Rated Power (W)	25W
	Efficiency (Typ.)	82%
	Hold up time	Half cycle minimum at 120V AC and 80% of rated
Input	Voltage Range (VAC)	100V-240VAC
	Frequency Range (Hz)	50 Hz / 60 Hz
	AC Current	0.4A at 115VAC / 0.2A at 230VAC
	Power Factor	>0.95 at 115VAC/ >0.9 at 230VAC with full load
	THD(Total Harmonic Distortion)	Less than 20% at full load
	Max. Inrush Current	<20A
	Leakage Current	<0.25mA / 240VAC
Environment	Operating Temp.	-20°C~40°C full load.
	Operating Humidity	20%~95% RH non-condensing
	Storage Temp. / Humidity	-20 ~ +80°C / 10% ~ 95% RH
	Ambient Temp.	25°C at 240VAC
	Vibration Frequency	5 to 50 HZ
Safety Approval	Safety Standards	CE
Others	MTBF	>100,000 Hours at full load and 25°C ambient conditions(MIL-HDBK-217F)
	Dimension(L x W x H)	141 x 45 x 26mm; 192g/pcs
Note	1. Lamps must be wired in series, and total value of Vf should be under rated DC Voltage. 2. Disconnect the mains supply before installing, do not turn on/off from output port. 3. Parameter measured at full load 25°C ambient temperature. 4. Two years warranty.	

Mechanical Specification

