

EUP60A-1HMC-1

1-10V Constant Current Dimming Driver

Product Features

- Signal channel output, output current level selectable by DIP S.W.
- Support 3-in-1 dimming function(active signal, adjustable resistance, PWM)
- THD \leq 15%
- Low ripple current, no flicker
- High efficiency up to 86%
- Built-in active PFC function
- 100% output when no dimming signal input, can be used as normal power supply
- Over voltage protection, short circuit protection, over power protection
- Suitable for indoor LED lighting application, such as down light, panel light, and so on



Technical Parameters

Model		EUP60A-1HMC-1		
Output	Current	1050mA	1200mA	1400mA
	Voltage	9-58VDC	9-50VDC	9-43VDC
	Power	60.9W	60W	60.2W
	Current Accuracy	±5%		
	Maximum Output Voltage	95VDC		
	Output LF Current Ripple(< 120 Hz)	4%		
	Channels	1		
Input	Voltage	200– 240VAC		
	Frequency	50/60Hz		
	Power Factor (Typ)	≥0.9		
	THD	≤15%		
	Efficiency(Typ)	86%		
	Current	0.4Amax@230VAC		
	Inrush Current	40A@230VAC		
Function	Dimming	1-10V active signal, adjustable resistance, PWM		
Others	Dimension	203.4*53.9*32.6 mm (L*W*H)		
	G.W	365g		
	Working temp.	-20℃ ~ 40℃		
	Relative humidity	20~90% RH		

Dimension(mm)



Wiring Diagram



Current Select Table

Current	DIP1	DIP2
1050mA	---	---
1200mA	ON	---
1400mA	ON	ON

Remark: Function default setting is 1050mA (DIP1 and DIP2 are OFF state)

EUP60A-1HMC-1

1-10V 恒流调光驱动器

产品特点

- 单通道恒流输出，多级电流可选
- 支持三合一模拟调光信号（有源信号、可调电阻、PWM）
- THD \leq 15%
- 低纹波电流，无频闪
- 效率高达 86%
- 内建主动式 PFC 功能
- 信号悬空时，满载输出，可作为普通电源使用
- 过载保护；短路保护；过压保护
- 适用于 LED 室内灯具，比如筒灯，面板灯等



技术参数

型号	EUP60A-1HMC-1			
输出	电流	1050mA	1200mA	1400mA
	电压	9-58VDC	9-50VDC	9-43VDC
	功率	60.9W	60W	60.2W
	电流精度	$\pm 5\%$		
	最大输出电压	95VDC		
	低频电流纹波 (<120Hz)	4%		
	通道	1		
输入	电压	200-240VAC		
	频率	50/60Hz		
	功率因数 (典型)	≥ 0.9		
	THD	$\leq 15\%$		
	效率 (典型)	86%		
	电流	0.4Amax@230VAC		
	浪涌电流	40A@230VAC		
功能	调光方式	有源信号、可调电阻、PWM		
其它	尺寸	203.4*53.9*32.6mm (长*宽*高)		
	毛重量	365 克		
	工作温度	-20 $^{\circ}$ C ~ 40 $^{\circ}$ C		
	相对湿度	20~90% RH		

产品尺寸 (mm)



应用连接图



电流选择表

电流	1	2
1050mA	——	——
1200mA	ON	——
1400mA	ON	ON

备注：出厂默认设置电流为 1050mA（1，2 在 OFF 状态）