

# EUP60A-1HMC-1

## 1-10V Constant Current Dimming Driver

### Product Features

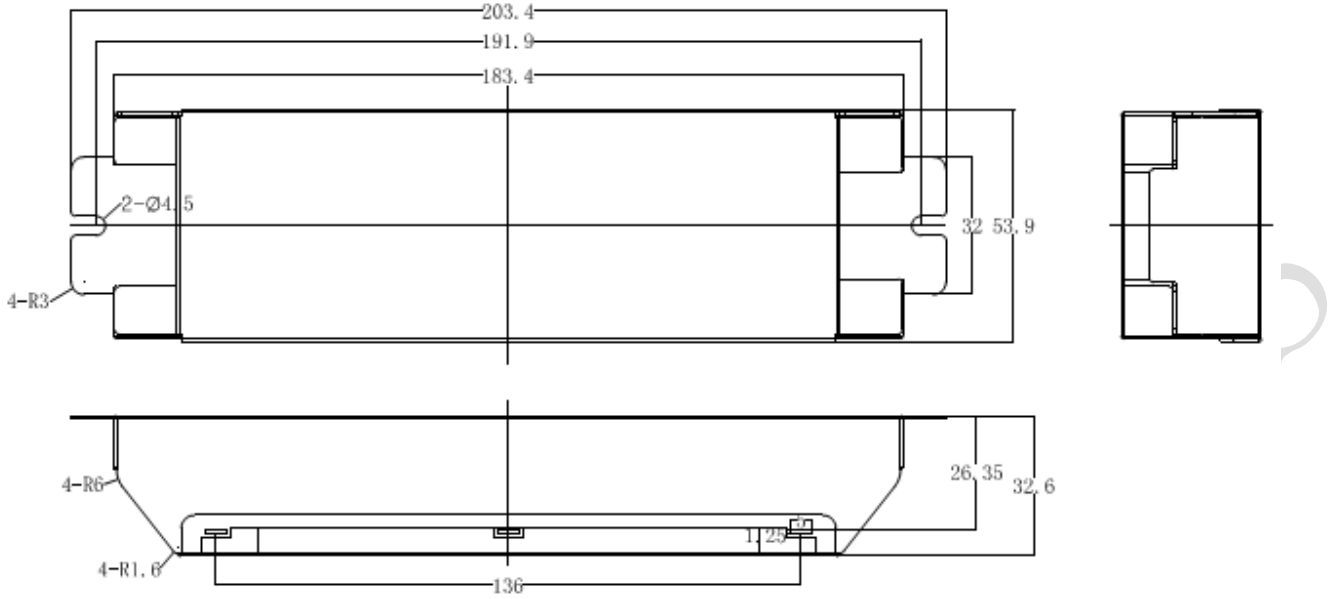
- Signal channel output, output current level selected by DIP S.W.
- Support 3-in-1 dimming function(active signal, adjustable resistance, PWM)
- $THD \leq 10\%$
- Low ripple current, no flicker
- High efficiency up to 86%
- Built-in active PFC function
- 100% output when no dimming signal input, can 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



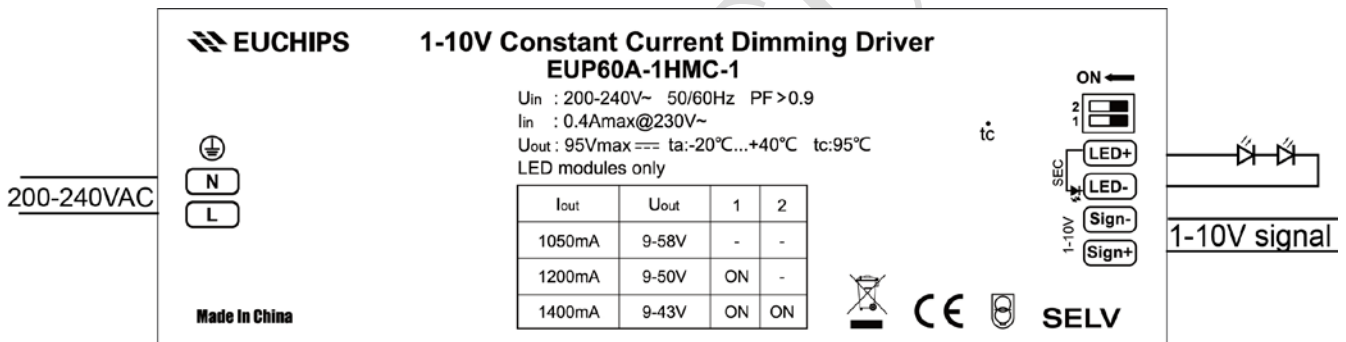
### Technical Parameters

Model		EUP60A-1HMC-0		
Output	Current	1050mA	1200mA	1400mA
	Voltage	9-58VDC	9-50VDC	9-43VDC
	Power	60.9W	60W	60.2W
	Current Accuracy	±3%		
	Maximum Output Voltage	95VDC		
	Output LF Current Ripple(< 120 Hz)	<3%		
	Channels	1		
Input	Voltage	200– 240VAC		
	Frequency	50/60Hz		
	Power Factor ( @230VAC,full load )	≥0.9		
	THD ( @230VAC,full load )	≤10%		
	Efficiency(Typ)	86%		
	Current	0.4Amax@230VAC		
	Inrush Current	Cold start 27A( $t_{width}=5.4\mu s$ measured at 50% $I_{peak}$ ) @230VAC		
Function	Dimming	1-10V active signal, adjustable resistance, PWM		
Others	Dimension	203.4*53.9*32.6 mm (L*W*H)		
	G.W	410g		
	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)