

## Features

- ▶ Product No: **HPD0015B Series**
- ▶ Input : AC90V~264V
- ▶ Non-Isolated configuration
- ▶ Constant Current Output
- ▶ Dimmer (Current adjustable)
- ▶ Easy to drive High Power LEDs in series
- ▶ Open/Short Protection
- ▶ Efficiency > 82%(At Vin=AC240V, Vout=25V)
- ▶ CE Certified



## HPD015B(100~700mA) Electrical characteristics

Parameter	HPD015B-F7040ADJ-CE	HPD015B-F7040
Input Voltage	AC90~264V	
Input Frequency	50~60Hz	
Output Voltage Range	20~40V	
Output Current Range(adjustable)	100~700mA <b>(Please Do Not Over Limit @700mA )</b>	
Output Power (Max.)	28W	
3W White LED in Series(Min.~Max.)	6~10pcs	
Operating Ambient Temperature	25℃	
Max Temperature on Heatsink	90℃	
Dimensions	103mm(L)*50mm(W)*30mm(H)	

- Suitable to drive :
  - 0.5W LED(150mA)
  - 1W LED(350mA)
  - 2W LED(500mA)
  - 3W LED(700mA)
  - 5W LED(700mA)

## HPD015B(700mA) Electrical characteristics

Parameter	HPD015B-F7040-CE	HPD015B-F7040
Input Voltage	AC90~264V	
Input Frequency	50~60Hz	
Output Voltage Range	20~40V	
Output Current Range(adjustable)	TYP: 700mA±10%	
Output Power (Max.)	28W	
3W White LED in Series(Min.~Max.)	6~10pcs	
Operating Ambient Temperature	25℃	
Max Temperature on Heatsink	90℃	
Dimensions	103mm(L)*50mm(W)*30mm(H)	

- Suitable to drive : 3W LED(700mA)

## HPD015B(500mA) Electrical characteristics

Parameter	HPD015B-F5040-CE	HPD015B-F5040
Input Voltage	AC90~264V	
Input Frequency	50~60Hz	
Output Voltage Range	20~40V	
Output Current Range(adjustable)	TYP: 500mA±10%	
Output Power (Max.)	20W	
2W White LED in Series(Min.~Max.)	6~10pcs	
Operating Ambient Temperature	25℃	
Max Temperature on Heatsink	90℃	
Dimensions	103mm(L)*50mm(W)*30mm(H)	

- Suitable to drive : 2W LED(500mA)

## HPD015B(350mA) Electrical characteristics

Parameter	HPD015B-F3548ADJ-CE	HPD015B-F3548ADJ
Input Voltage	AC90~264V	
Input Frequency	50~60Hz	
Output Voltage Range	20~48V	
Output Current Range(adjustable)	100~350mA <b>(Please Do Not Over Limit @350mA )</b>	
Output Power (Max.)	16.8W	
1W White LED in Series(Min.~Max.)	6~15pcs	
Operating Ambient Temperature	25°C	
Max Temperature on Heatsink	90°C	
Dimensions	103mm(L)*50mm(W)*30mm(H)	

- Suitable to drive : 1W LED(350mA)

### An Installed User Program :

1. Please connect LEDs with drivers before turning on the power.
2. Please connect a current meter in series with LEDs when adjusting output current of a driver.  
Adjust output current in order to have an appropriate current for LEDs.
3. Caution the heat of a driver while the driver is turning on.

## Configuration Arrays

Freely connect High Power LEDs in series

