

Features

- ▶ Product No: **HPD009B Boost Series**
- ▶ Input Voltage/Current : DC12V/5A
- ▶ Output Voltage: DC16V ~ DC40V
- ▶ Output Current: 350mA / 500mA / 700mA
- ▶ Maximum Output Power: 28W
- ▶ Efficiency > 85%(Typical)
- ▶ Open Circuit Protection (**Do not short Output**)
- ▶ Boost LED Driver, easy to drive High Power LEDs



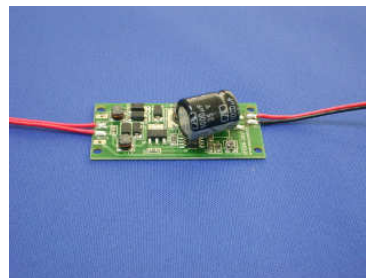
Description

Parameter	HPD009B-D3540	HPD009B-D5040	HPD009B-D7040
Input Voltage	DC10~14V (Typ. DC12V)		
Output Voltage Range	16~40V		
Output Current Range	350mA	500mA	700mA
Max. Output Power	14W	20W	28W
LED Quantity	4~10pcs		
Operating Temperature	-20℃~85℃		
Input Cable	AWG 24/(Orange(V+)/Black(V-))		
Output Cable	AWG 24/(Red(LED+)/Black(LED-))		
Dimension	90mm(L)*41.5mm(W)*33mm(H)		

Suitable to drive : 1W LED(350mA) 2W LED(500mA) 3W LED(700mA)

► **Product No: HPD009B-1224V Series**

- Input : AC/DC12~24V
- Output: 350/700mA constant current
- Dimmer (Current adjustable)
- Easy to drive High Power White LEDs
- Meet CE / FCC



HPD009-1224V



HPD009B-1224V

Dimensions:

HPD009-1224V: 45.2mm(L)*25.2mm(W)*25.0mm(H)

HPD009B-1224V: 90mm(L)*41.5mm(W)*33mm(H)

Description

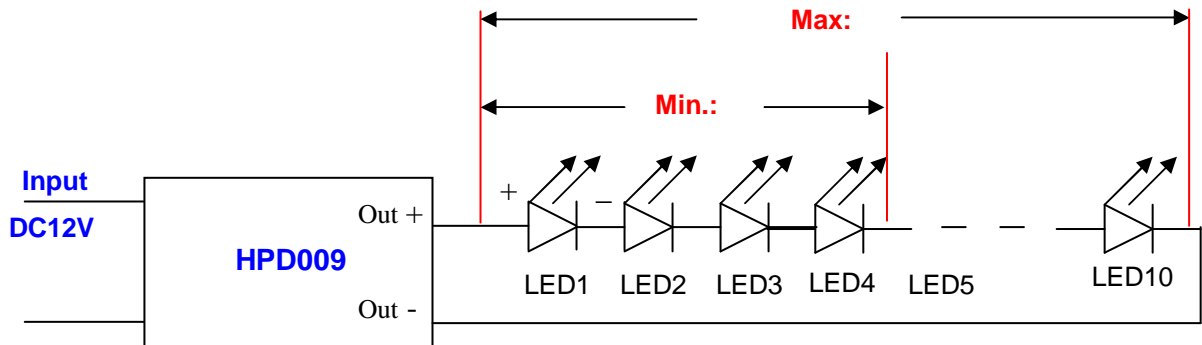
Part No.	Input Condition	Output	Application(Number of LED)
HPD009-A1224V	AC/DC10~24V	3~20V/30~800mA	(1~3)Wattx(1~2)pcs@ACDC12V
			(1~3)Wattx(1~5)pcs@ACDC24V
			Current adjustable
HPD009B-A1224V	AC/DC10~24V	3~20V/30~800mA	(1~3)Wattx(1~2)pcs@ACDC12V
			(1~3)Wattx(1~5)pcs@ACDC24V
			Current adjustable
HPD009-D1224V	DC10~24V	3~20V/30~800mA	(1~3)Wattx(1~2)pcs@DC12V
			(1~3)Wattx(1~5)pcs@DC24V
			Current adjustable
HPD009B-D1224V	DC10~24V	3~20V/30~800mA	(1~3)Wattx(1~2)pcs@DC12V
			(1~3)Wattx(1~5)pcs@DC24V
			Current adjustable

Configuration Arrays

HPD009B BOOST SERIES

Part No. : HPD009B-DXXXX

Drive up 4~10pcs High Power LEDs in series



Caution :

1. LED driver or LED emitters may be damaged because of exceeding the limitation of output voltage.
2. 12V/5A Power supply is required.

Part No. : HPD009(B)-1224V

(1~3)Wattx(1~2)pcs@ACDC12V

(1~3)Wattx(1~5)pcs@ACDC24V

