

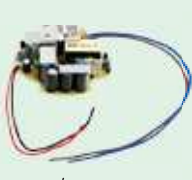




HBG series

60~240W Circular Shape for Bay Lighting

► Description

HBG series are high performance LED power supplies specially designed for the high/low bay lighting and spot lighting applications. Featuring with circular shape, these series are easy to be assembled with the mechanical structure of high/low bay lighting fixtures. The enclosures can be perfectly configured with the heat sink of lighting fixtures and provide excellent heat dissipation ability, which solve the mechanism limits of old style bay lighting systems using slim shape LED power supplies. (HBG-60 also offers models in PCB type, allowing a better variety for lighting module design consideration.) As long as the temperature on the top of the enclosure can be controlled under 70°C, the power supply service life could be guaranteed up to 40,000 hours.

For more detail information, please visit our website: www.meanwell.com/product/HBG/HBG.html

HBG-60	HBG-100	HBG-160	HBG-240
  <p>DxH: $\phi 99 \times 26 \text{mm}$ DxH: $\phi 110 \times 60.5 \text{mm}$</p>	 <p>DxH: $\phi 130 \times 66.5 \text{mm}$</p>	 <p>DxH: $\phi 151.68 \times 66.5 \text{mm}$</p>	 <p>DxH: $\phi 191.5 \times 69 \text{mm}$</p>

► Features

- HBG-60: 90~295VAC input; HBG-100~240: 90~305VAC input
- Built-in active PFC function
- High efficiency up to 93.5%
- Protections: Short circuit / Over current / Over voltage / Over temp. (Short circuit / Over temp. for HBG-60)
- Output current adjustable through internal potentiometer
- Suitable for dry, damp, and wet location
- Two configurations for HBG-60 (constant current mode):

Blank-Type: Enclosed type(plastic enclosure); **P-Type:** PCB type

HBG-60 Series

Model No.	Output	Io Tol.	Effi.
HBG-60-1050 ○	37~55V, 1050mA	±5%	91%
HBG-60-1400 ○	28~43V, 1400mA	±5%	90%
HBG-60-2100 ○	19~29V, 2100mA	±5%	90%

○ = Blank, P; Blank: Enclosed type, P: PCB type

HBG-100 Series

Model No.	Output	Tol.	Effi.
HBG-100-24(A)	24V, 0~4A	±2%	90.5%
HBG-100-36(A)	36V, 0~2.7A	±2%	91.0%
HBG-100-48(A)	48V, 0~2A	±2%	91.0%
HBG-100-60(A)	60V, 0~1.6A	±2%	91.5%

○ = A, B, E or Blank

- Multiple models for HBG-100/160/240 (aluminum case)
- A-Type:** IP65 rated. Constant current level can be adjusted through internal potentiometer
- B-Type:** IP67 rated and **built-in 3 in 1 dimming function** (1~10VDC, PWM signal, or resistance)
- Blank-Type:** IP67 rated. Cable for I/O connection
- E-Type(option):** IP67 rated. Can be fixed by steel support, contact MEAN WELL for details (HBG-100/160 only)

• 5 years warranty

HBG-160 Series

Model No.	Output	Tol.	Effi.
HBG-160-24(A)	24V, 0~6.5A	±2%	92.0%
HBG-160-36(A)	36V, 0~4.4A	±2%	92.0%
HBG-160-48(A)	48V, 0~3.3A	±2%	93.0%
HBG-160-60(A)	60V, 0~2.6A	±2%	93.5%

○ = A, B, E or Blank

HBG-240 Series

Model No.	Output	Tol.	Effi.
HBG-240-24(A)	24V, 0~10A	±2%	92.5%
HBG-240-36(A)	36V, 0~6.7A	±2%	92.5%
HBG-240-48(A)	48V, 0~5A	±2%	93.0%
HBG-240-60(A)	60V, 0~4A	±2%	93.5%

○ = A, B or Blank

► Construction of High Bay Light with HBG-100/160/240



► Installations with HBG-100/160/240

Spot Light	Stage Light	High Bay Light	
			
		Chain Type	Hanger Type