

# HBG series

60W, 200W and PCB models now available  
Dali (DA) control also available!



100W~240W Circular Shape for High Bay Lighting

## Power Supply description:

The HBG series provides high performance LED power supplies designed specifically for high/low bay lighting and spot light applications. Featuring a circular shape, this new series is easily assembled and fits perfectly into the mechanical structure of high/low bay lighting fixtures. With a fully potted aluminum enclosure, it can be tightly assembled to the heat sink of the lighting fixture and provides excellent heat dissipation ability, which solves the mechanical limitations of the old style bay lighting system using this slimly shaped LED power supply series. As long as the temperature on the top of the enclosure is maintained below 70°C, the power supply's service life can be guaranteed up to 40,000 hours.

Please refer to [www.procontechtechnology.com.au](http://www.procontechtechnology.com.au) for detailed specs.

• Australian Electrical Safety Approval

HBG-100	HBG-160	HBG-240
		
DxH: 130x66.5mm, 1.1Kg	DxH: 151.68x66.5mm, 1.5Kg	DxH: 191.5x69mm, 2.1Kg

## Features:

- Universal AC input (90~305VAC) / Full range
- Built-in active PFC (Power Factor Correction)
- High efficiency up to 93.5%
- Protection:  
Short circuit / Over current / Over voltage / Over temperature
- Output current adjustable through internal potentiometer
- IP67 / IP65 design for indoor or outdoor installations
- Suitable for dry, damp, and wet locations

- Multiple models provide choice:  
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)  
AB-Type: IP65 rated. A + B features  
DA-Type: IP67 rated. Dali control technology  
Blank-Type: IP67 rated. Cable for I/O connection

• 5 year warranty

## HBG-100 Series



Model No.	Output	Tol.	Eff.
HBG-100-24(A)	24V, 0~4A	±5%	90.5%
HBG-100-36(A)	36V, 0~2.7A	±5%	91.0%
HBG-100-48(A)	48V, 0~2A	±5%	91.0%
HBG-100-60(A)	60V, 0~1.6A	±5%	91.5%

○ = A, B, AB, DA or Blank

## HBG-160 Series



Model No.	Output	Tol.	Eff.
HBG-160-24(A)	24V, 0~6.5A	±2%	92.0%
HBG-160-36(A)	36V, 0~4.4A	±2%	92.0%

Model No.	Output	Tol.	Eff.
HBG-160-48(A)	48V, 0~3.3A	±2%	93.0%
HBG-160-60(A)	60V, 0~2.6A	±2%	93.5%

○ = A, B, AB, DA or Blank

## HBG-240 Series



Model No.	Output	Tol.	Eff.
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, AB, DA or Blank

## Construction of High Bay Light



## Installations

Spot Light	Stage Light	High Bay Light	
			
		Chain Type	Hanger Type