



LED-драйверы серии HBG

Технические характеристики



По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72
Астана +7(7172)727-132
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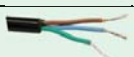
HBG series

60~240W Circular Shape with PFC

Features

- Constant current mode (HBG-60/100)
- Constant voltage+constant current modes (HBG-160/240)
- Universal AC input (up to 305VAC) / Full range (up to 295VAC for HBG-60)
- High efficiency up to 93.5%
- Patented metal housing design for HBG-100/160/240 (Patent No.: CN201220314551)
- Fully isolated plastic case (HBG-60)
- Type HL LED Driver for use in Class I, Division 2 hazardous location luminaires (HBG-100/160)
- Isolation class II, no F.G. (HBG-60)
- Class 2 power unit (HBG-60)

- Suitable for dry, damp, and wet location
- Protections: Short circuit / Over current / Over voltage / Over temp. (Short circuit / Over temp. for HBG-60)
- Multiple models for HBG-100/160/240
 - 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
- Optional CCC (100~240W) & RCM models available
- 5 years warranty

		HBG-60	HBG-100	HBG-160	HBG-240	
INPUT (HBG-60)						
	INPUT (HBG-100/160/240)					
	OUTPUT					
AC input voltage range		90~295VAC ; 127~417VDC				
AC inrush current (max.)		Cold start, 45A at 230VAC	Cold start, 60A at 230VAC	Cold start, 65A at 230VAC	Cold start, 75A at 230VAC	
Setup, rise, hold up time		500ms at 230VAC for setup time	500ms, 80ms, 12ms at full load and 230VAC	500ms, 200ms, 12ms at full load and 230VAC	500ms, 120ms, 15ms at full load and 230VAC	
Withstand voltage		I/P-O/P: 3.75kVAC				
Working temperature		-40~+70°C				
Safety standards		UL8750, ENEC EN61347-1, EN61347-2-13, EN62384, GB19510.14, GB19510.1 approved	UL8750, ENEC EN61347-1, EN61347-2-13, EN62384 approved	UL8750, TUV EN61347-1, EN61347-2-13 approved, design refer to TUV EN60950	UL8750, ENEC EN61347-1, EN61347-2-13, EN62384 approved	
EMC standards		EN55015, EN61000-3-2 Class C, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11; EN61547, GB17743, GB17625.1	EN55015, EN61000-3-2 Class C, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547		EN55015, EN61000-3-2 Class C, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547	
Connection	Input	SJTW 18AWGx2C (30cm)	SJTW 18AWGx3C (30cm)			
	Output	SVT 18AWGx2C (20cm)	A & Blank Type: SJTW 18AWGx2C (20cm) B Type: SJTW 18AWGx2C (20cm) + UL2517 22AWGx2C (30cm)	A & Blank Type: SJTW 18AWGx2C (20cm) B Type: SJTW 18AWGx2C (20cm) + SVT 18AWGx2C (30cm)	A & Blank Type: SJTW 14AWGx2C (30cm) B Type: SJTW 14AWGx2C (30cm) + SVT 18AWGx2C (30cm)	
Dimension (DxH)(mm)		φ110x 60.5	φ130x 66.5	φ151.68x 66.5	φ191.5x 69	

HBG-60 Series (C.C. mode)



Model No.	Output	Io Tol.	Effi.
HBG-60-1050	37~55V, 1050mA	±5%	90%
HBG-60-1400	28~43V, 1400mA	±5%	89%
HBG-60-2100	19~29V, 2100mA	±5%	89%

HBG-100 Series (C.C. mode)



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 or Blank

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 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

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