

XBG series 100~240W

Features

- Full power output at 70~100% constant power mode operation
 - Wide input range 90 ~ 305VAC with active PFC function
 - Circular metal housing design with IP67
 - AC input cable with connector type for flexible installation
 - Protections: Short circuit / Over voltage / Over temp.
 - Isolation design between output and dimming circuit
 - 5 years warranty
- Multiple models for choice
- A-Type:** IP67 rated. constant power adjustable via built-in potentiometer
- AB-Type:** IP67 rated. constant power adjustable via built-in potentiometer & 3 in 1 dimming function (0~10Vdc, 10V PWM signal and resistor)

		XBG-100	XBG-160	XBG-240
INPUT (AC with connector)				
INPUT (Fixed cable)	ACL ACN FG			
OUTPUT (Non-Dimming Models)	Vo- Vo+			
OUTPUT (Dimming Models)	DIM+ DIM- Vo- Vo+			
AC input voltage range	90~305VAC			
AC inrush current (max.)	Cold start, 50A at 230VAC		Cold start, 75A at 230VAC	
Setup time	500ms/230VAC, 1200ms/115VAC	500ms/230VAC, 2000ms/115VAC	500ms/230VAC, 1200ms/115VAC	
Withstand voltage	I/P-O/P: 3.75kVAC, I/P-FG: 2kVAC, O/P-FG: 1.5kVAC			
Working temperature	-40~+90°C (refer to "OUTPUT LOAD vs TEMPERATURE")			
Safety standards	UL8750(type"HL"), CSA C22.2 No. 250.13-12; ENEC BS EN61347-1, BS EN61347-2-13 independent, BS EN62384;GB19510.1,GB19510.14; IP67 approved			
EMC standards	UL8750(type"HL"), CSA C22.2 No. 250.13-12; ENEC BS EN61347-1, BS EN61347-2-13 independent, BS EN62384;IS15885(Part2/Sec13); GB19510.1,GB19510.14, IP67;EAC TP TC 004 approved			
Connection	Input	SJOW 17AWGx3C & H05RN-F 3x 1.0mm ² (30cm)		
	Output	A & A-C Type: SJTW 18AWGx2C (20cm) AB & AB-C Type: SJTW 18AWGx2C (20cm) +UL2517 22AWGx2C (30cm)		
Dimension (DxH)(mm)	φ130x 56	φ151.5x 60	φ191x 63	

XBG-100 Series



Model No.	Output	Io Tol.	Io Ripple	Effi.
XBG-100-□-○	27~56V, 875~2780mA	±5%	3.0% (max)	92%

XBG-160 Series



Model No.	Output	Io Tol.	Io Ripple	Effi.
XBG-160-□-○	34~56V, 1425~4100mA	±5%	5.0% (max)	93%

XBG-240 Series



Model No.	Output	Io Tol.	Io Ripple	Effi.
XBG-240-□-○	30~60V, 2850~5700mA	±5%	4.0% (max)	93%

□ = A, AB
○ = Blank, C; Blank: AC input with fixed cable, C: AC input with connector

AC input with connector Pin No: Assignment

Pin No.	Assignment	Drawing
1	AC/L	
2	AC/N	
3	FG ±	

AC input cable (Additional cost)

Item	Order part NO.	Remark
100cm	F61-XBG-AC-CABLE-100	In stock
200cm	F61-XBG-AC-CABLE-200	By request
300cm	F61-XBG-AC-CABLE-300	By request

* 100cm without MOQ, others with MOQ.