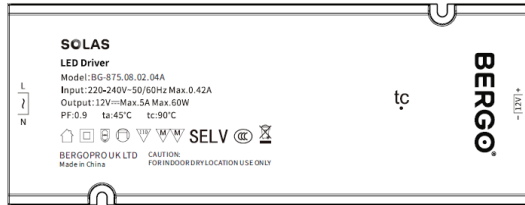


The SOLAS smart driver is a highly versatile device engineered to enhance LED systems via programmable wireless control. Featuring a 6-way asynchronous monochrome control box, the unit allows for the individual programming of channels to significantly increase system customisability.



### Electromagnetic certification

Item	Country	Certified status	Standards
CE	European Union	Accord	EN62368 - 1:2014

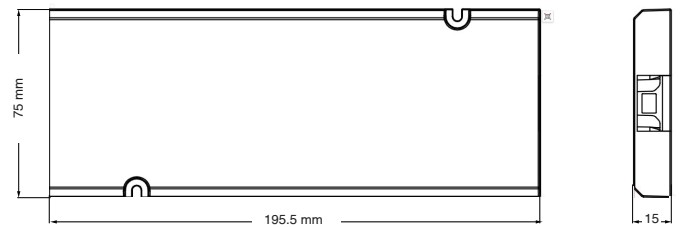
### Environmental conditions

**Storage temperature range:** -30° C ~ +70° C

**Storage humidity:** 10 ~ 90%

### Description

**Usage:** Wireless sensors  
860/861/862/863 required

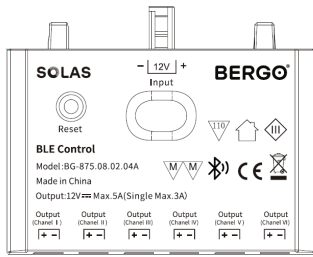


### Input

<b>Voltage:</b>	220-240 V <sub>AC</sub>
<b>Frequency:</b>	50/60 Hz
<b>Current:</b>	420 mA max.
<b>PF:</b>	≥ 0.9

### Output

Parameter	Unit	Min	Average	Max	Remarks
<b>Voltage</b>	V <sub>oc</sub>	11.4	12	12.6	
<b>Current</b>	A	0		5	
<b>Ripple and noise</b>	mVp-p			240	20 MHz Bandwidth 47uF Ele. Cap and 0.1uF Cer. Cap.

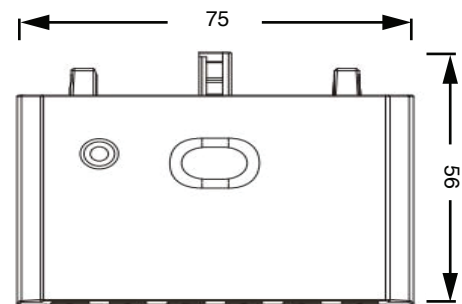


### Wireless features

<b>Frequency:</b>	ISM 2402-2482 MHz
<b>Crystal frequency:</b>	24 MHz
<b>Modulation:</b>	GFSK
<b>Transmit power:</b>	0 dbm
<b>TIS:</b>	-70 dbm
<b>Emission:</b>	16 mA (0 dbm)

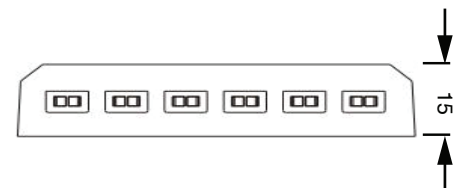
### Description

<b>Input voltage:</b>	12/24 V <sub>DC</sub>
<b>Input/Output variation range:</b>	1.4-12.6V <sub>DC</sub> /22.8-25.2V <sub>DC</sub>
<b>Input current:</b>	5 A
<b>PWM frequency:</b>	16 KHz
<b>Minimum brightness:</b>	5% Duty
<b>Soft on/off:</b>	2s +/- 20%
<b>Dimming:</b>	5s +/- 20%



### Environmental conditions

<b>Operating temperature range:</b>	-10° C ~ +45° C
<b>Storage temperature range:</b>	-20° C ~ +70° C
<b>Operating humidity:</b>	5 ~ 95%



### Item ID No.

Item	Finish/Colour	Size (WxDxH) mm	Cat. No.
Smart Driver	Black	196 x 75 x 15 mm	BG-875.08.02.04A
Asynchronous Control Box		56 x 75 x 15 mm	