# SMARTBRIDGE

200 W WI-FI & Bluetooth dimmable LED driver.
Model: **BPSS-200-12/24V.1-W5C-T | BPSS-200-12/24V.1-B5C-C**

## FEATURES

- Constant voltage mode output
- Metal housing design with functional ground
- Built-in active PFC function
- Class 2 power supply
- IP66 rating for indoor or outdoor installations
- Wi-Fi wireless dimming | bluetooth wireless dimming
- 8K Hz PWM output

## CONFORMITY & STANDARDS

EMC:

- EN55015
- EN 61000-3-2:2014
- EN 61000-3-3:2013

Security Standard:

- IEC 61347-2-13 2014+A1
- IEC 61347-1 2015+A1

Electrical Safety:

- Withstand Voltage:
  I/P-O/P:3.75KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
- Isolation Resistance:
  I/P-O/P:100MΩ / 500VDC / 25℃ / 70%RH

5 YEARS WARRANTY | IP 66 SELV | UK CA | CE | RoHS

baltled signage illumination

## GENERAL SPECIFICATIONS

| | |
|---|---|
| **EFFICIENCY** | 12 V \| 90% (230 VAC)<br>24 V \| 93% (230 VAC) |
| **TOTAL HARMONIC DISTORTION (THD)** | < 15% |
| **OPERATING CONDITIONS** | -40°C ~ +45℃; 20 ~ 95% humidity |
| **STORAGE CONDITIONS** | -40°C ~ +80°C; 10 ~ 95% humidity |
| **IP CLASS** | IP66 SELV |
| **PROTECTIONS INCLUDED** | Over load<br>Short circuit<br>Over temperature |
| **WARRANTY** | 5 years, >50 000 h |
| **CONTROL PROTOCOL** | Tuya \| Casambi |

## INPUT

| | |
|---|---|
| **INPUT VOLTAGE RANGE** | 200 ~240Vac; 47 – 63 Hz |
| **MAX INPUT AC CURRENT** | 1.2 A Max |
| **MAX INRUSH CURRENT** | ≤70.4 A |
| **POWER FACTOR** | >0.95 (230 VAC) |

## OUTPUT

| | |
|---|---|
| **CURRENT \| VOLTAGE** | 12 V \| 16.67 A (CW+WW) \| 16.67 A (R+G+B)<br>24 V \| 8.33 A (CW+WW) \| 8.33 A (R+G+B) |
| **OUTPUT POWER** | 200 W |

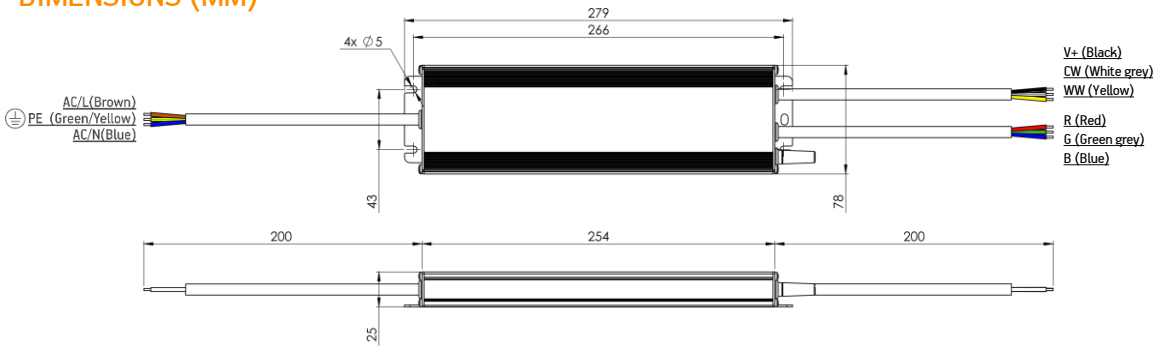
## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

| CIRCUIT BREAKER OF TYPE B 16 A | CIRCUIT BREAKER OF TYPE C 16 A |
|---|---|
| 6 units (230 VAC) | 13 units (230 VAC) |

## ORDERING INFORMATION

| SKU | CONTROL PROTOCOL | UNIT NET WEIGHT, G | UNIT DIMENSIONS (LxWxH), MM | PCS/BOX |
|---|---|---|---|---|
| BPSS-200-12V.1-W5C-T | Tuya | 1000.0 | 279 x 78 x 25 | 20 |
| BPSS-200-24V.1-W5C-T | | | | |
| BPSS-200-12V.1-B5C-C | Casambi | 1000.0 | 279 x 78 x 25 | 20 |
| BPSS-200-24V.1-B5C-C | | | | |

## DIMENSIONS (MM)

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Specifications are subject to change without notice.