

# SIGNBRIDGE PLUS

100 W LED driver. Model: BPS-100-C700.1



## FEATURES

- Constant current mode output
- Metal housing design with functional ground
- Built-in active PFC function
- IP68 rating for indoor or outdoor installations
- Typical lifetime  $\geq 50,000$  hours
- 5 years warranty

## CONFORMITY & STANDARDS

EMC Emission:

- compliance to EN55015

EMC Immunity:

- EN55015
- EN61547
- EN61000-3-2
- EN61000-3-3
- CB
- CE-LVD:
  - IEC/EN61347-1,
  - IEC/EN61347-2-13



**baltled**  
signage illumination

## GENERAL SPECIFICATIONS

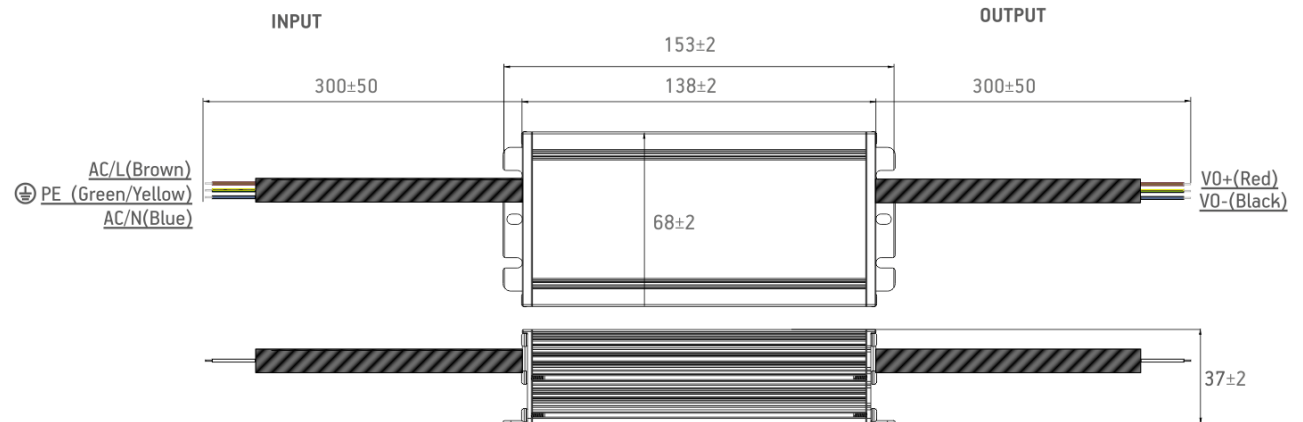
EFFICIENCY (TYP.)	$\geq 88\%$ (230 VAC)
COLD START	$\leq 3000\text{ms}$ (230 VAC)
TOTAL HARMONIC DISTORTION (THD)	$< 20\%$
OPERATING CONDITIONS	$-40\text{ }^{\circ}\text{C} \sim +50\text{ }^{\circ}\text{C}$ ; 20 ~ 95% humidity
STORAGE CONDITIONS	$-40\text{ }^{\circ}\text{C} \sim +80\text{ }^{\circ}\text{C}$ ; 10 ~ 95% humidity
IP CLASS	IP68
PROTECTIONS INCLUDED	Over voltage Over current Short circuit
WARRANTY	5 years, $\geq 50\,000$ h

## QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE C 16 A

12 units (230 VAC)

## DIMENSIONS



\* Dimensions are in mm

## INPUT

INPUT VOLTAGE RANGE	100 – 240 VAC; 50 – 60 Hz
MAX INPUT AC CURRENT	1.3 A Max
MAX INRUSH CURRENT	$\leq 65\text{ A}$ (100-277 VAC)
POWER FACTOR	$\geq 0.95$ (230 VAC)

## OUTPUT

OUTPUT CURRENT	0.7 A
OUTPUT VOLTAGE	85-142 VDC
OUTPUT POWER	100 W

## ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS (LxWxH), MM
BPS-100-C700.1	720.0	138x68x37