

SIGNBRIDGE PLUS

100 W LED driver. Model: **BPSP-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



GENERAL SPECIFICATIONS

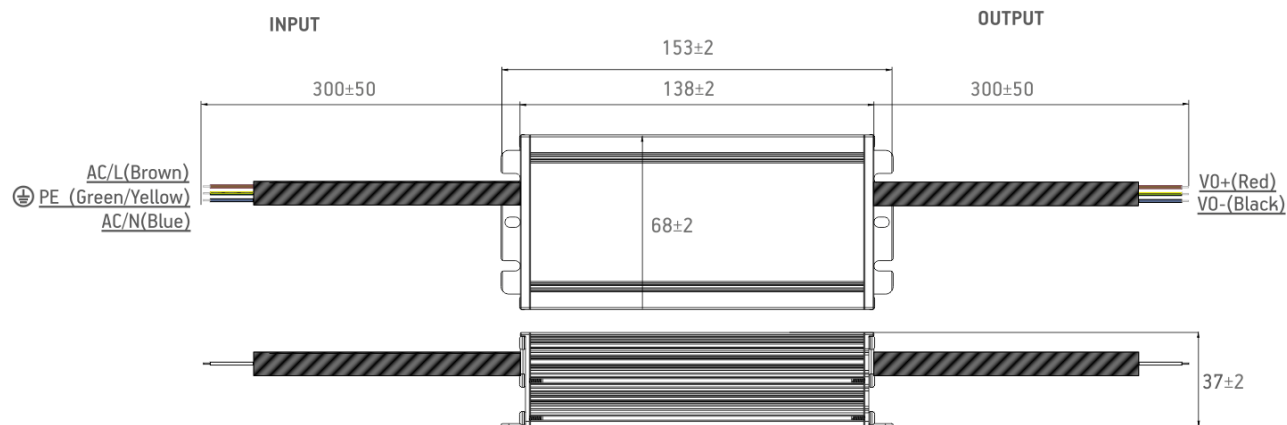
EFFICIENCY (TYP.)	≥88% (230 VAC)
COLD START	≤3000mS (230 VAC)
TOTAL HARMONIC DISTORTION (THD)	< 20%
OPERATING CONDITIONS	-40 °C ~ +50 °C; 20 ~ 95% humidity
STORAGE CONDITIONS	-40 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP68
PROTECTIONS INCLUDED	Over voltage Over current Short circuit
WARRANTY	5 years, ≥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

Balt led

INPUT

INPUT VOLTAGE RANGE	100 – 240 VAC; 50 – 60 Hz
MAX INPUT AC CURRENT	1.3 A Max
MAX INRUSH CURRENT	≤65 A (100-277 VAC)
POWER FACTOR	≥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
BPSP-100-C700.1	720.0	138x68x37