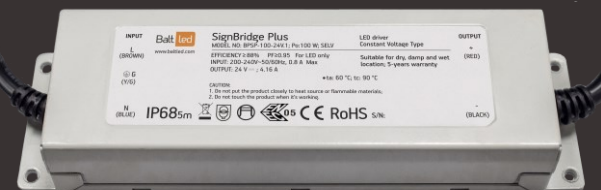


SIGNBRIDGE PLUS

100 W LED driver. Model: BPSP-100-24V.1



FEATURES

- 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
- ENEC
- CE-LVD:
 - IEC/EN61347-1,
 - IEC/EN61347-2-13,
 - UL8750
 - UL1310



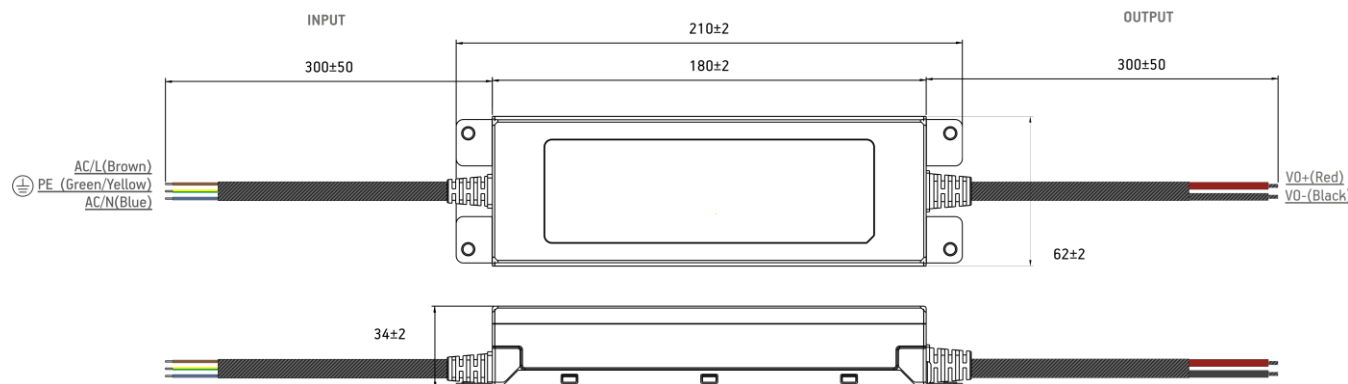
GENERAL SPECIFICATIONS

EFFICIENCY (TYP.)	$\geq 88\%$ (230 VAC)
COLD START	3000 ms (230 VAC)
TOTAL HARMONIC DISTORTION (THD)	$< 20\%$
OPERATING CONDITIONS	$-40^{\circ}\text{C} \sim +55^{\circ}\text{C}$; $20 \sim 95\%$ humidity
STORAGE CONDITIONS	$-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$; $10 \sim 95\%$ humidity
IP CLASS	IP68
PROTECTIONS INCLUDED	Over voltage Over current Short circuit Over temperature
WARRANTY	5 years, $\geq 50\,000$ h

QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE C 16 A	CIRCUIT BREAKER OF TYPE C 25 A
3 units (230 VAC)	8 units (230 VAC)

DIMENSIONS (MM)



INPUT

INPUT VOLTAGE RANGE	200 – 240 Vac; 50 – 60 Hz
MAX INPUT AC CURRENT	0.8 A Max
MAX INRUSH CURRENT	≤ 80 A
POWER FACTOR	≥ 0.95 (230 VAC)

OUTPUT

OUTPUT CURRENT	4.16 A
OUTPUT VOLTAGE	24 V
OUTPUT POWER	100 W

ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS (LxWxH), MM	STATUS
BPSP-100-24V.1	750.0	180 x 62 x 34	AVAILABLE