

SIGNBRIDGE PLUS

40 W LED driver. Model: BPSP-40-12V.1



baltled
signage illumination



FEATURES

- Constant voltage 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

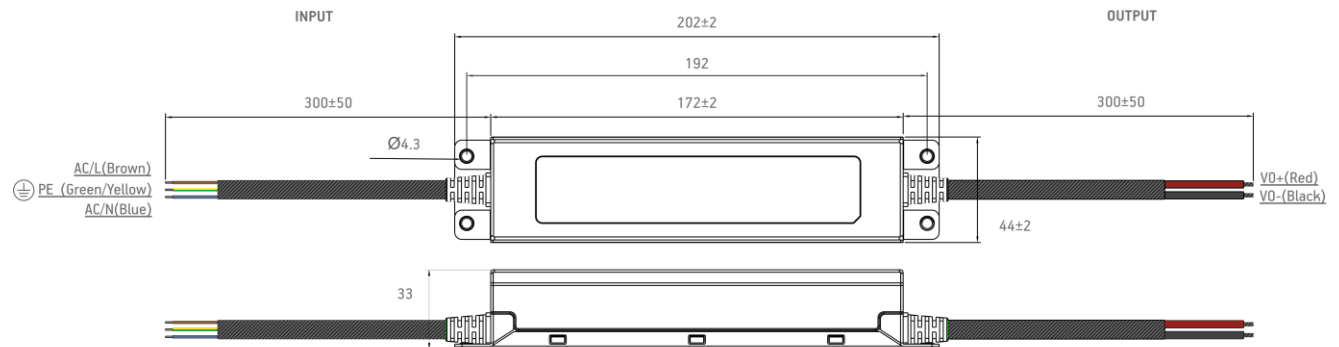
EFFICIENCY (TYP.)	$\geq 86\%$ (230 VAC)
COLD START	$\leq 3000\text{ms}$ (230 VAC)
TOTAL HARMONIC DISTORTION (THD)	$< 20\%$
OPERATING CONDITIONS	$-40^\circ\text{C} \sim +60^\circ\text{C}$; 20 ~ 95% humidity
STORAGE CONDITIONS	$-40^\circ\text{C} \sim +80^\circ\text{C}$; 10 ~ 95% humidity
IP CLASS	IP68
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

28 units (230 VAC)

DIMENSIONS



* Dimensions are in mm

INPUT

INPUT VOLTAGE RANGE	200 – 240 VAC; 50 – 60 Hz
MAX INPUT AC CURRENT	0.3 A Max
MAX INRUSH CURRENT	≤ 50 A (100-277 VAC)
POWER FACTOR	≥ 0.90 (230 VAC)

OUTPUT

OUTPUT CURRENT	3.3 A
OUTPUT VOLTAGE	12 VDC
OUTPUT POWER	40 W

ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS (LxWxH), MM
BPSP-40-12V.1	450.0	172x44x33