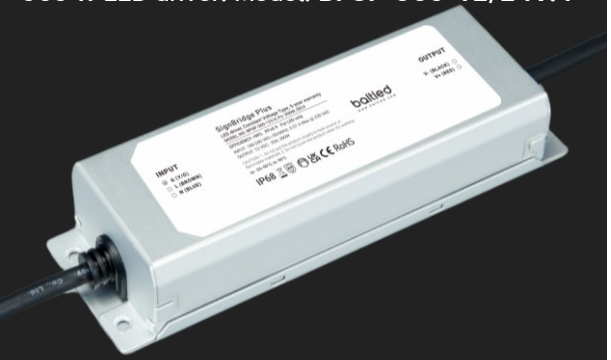
SIGNBRIDGE PLUS OUTDOOOR

300 W LED driver. Model: **BPSP-300-12/24V.4**



FEATURES

- Metal housing design with functional ground
- Forced air cooling by built-in DC ball bearing fan
- 100% full load burn-in test
- IP68 rating for indoor or outdoor installations
- 5 years warranty

CONFORMITY & STANDARDS

EMC Compliance:

- EN 55032 (CISPR32) Class B
- EN 61000-3-2
- EN 61000-3-3
- EAC TP TC 020

EMC Immunity:

- EN 61000-4-2, -4-3, -4-4, -4-5, -4-6, -4-8, -4-11
- EN 55024
- EAC TP TC 020

Safety standards:

- UL 62368-1
- TUV EN 62368-1
- EAC TP TC 004

Electrical Safety:

- Withstand Voltage:
  - I/P–O/P: 3000VAC / 3s / ≤5mA
  - I/P–Case: 1500VAC / 3s / ≤5mA
- Isolation Resistance: I/P-O/P: >100MΩ / 500VDC / 25℃ / 70%RH

GENERAL SPECIFICATIONS

EFFICIENCY (TYP.)	12 V | >90% (230 VAC) 24 V | >91% (230 VAC)
OPERATING CONDITIONS	-10°C ~ +50℃; 20 ~ 95% humidity
STORAGE CONDITIONS	-20 °C ~ +80 °C; 10 ~ 95% humidity
IP CLASS	IP68
PROTECTIONS INCLUDED	Short circuit Over voltage Over current Overload
WARRANTY	5 years

INPUT

INPUT VOLTAGE RANGE	180 – 240 Vac; 50 – 60 Hz
MAX INPUT AC CURRENT	3.57 A Max
MAX INRUSH CURRENT	≤50 A
POWER FACTOR	≥0.9 (230 VAC)

OUTPUT

OUTPUT VOLTAGE | CURRENT	12 V | 25 A 24 V | 12.5 A
OUTPUT POWER	300 W

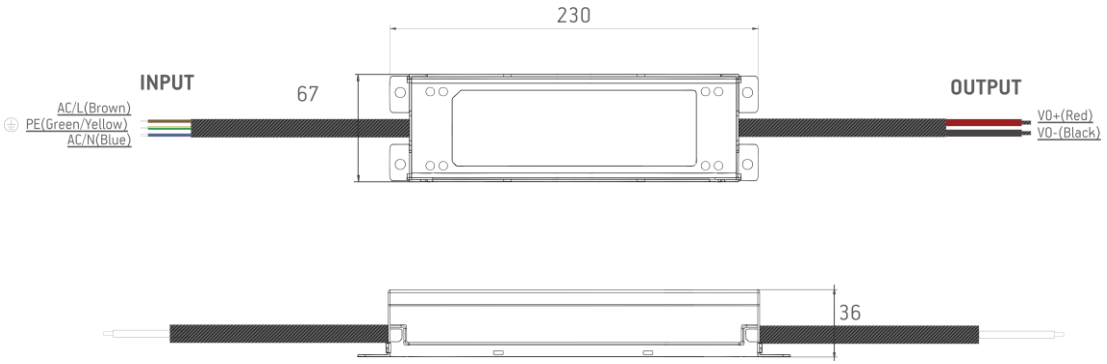
QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE B16 A	CIRCUIT BREAKER OF TYPE C 16 A
1 unit (230 VAC)	2 units (230 VAC)

ORDERING INFORMATION

SKU	VOLTAGE	UNIT NET WEIGHT, G	UNIT DIMENSIONS (LxWxH), MM	PCS/BOX
BPSP-300-12V.4	12 VDC	1010.0	230 x 67 x 36	16
BPSP-300-24V.4	24 VDC	1010.0	230 x 67 x 36	16

DIMENSIONS (MM)



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Specifications are subject to change without notice.