

SIGNBRIDGE PLUS

60 W LED driver. Model: BPSP-60-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

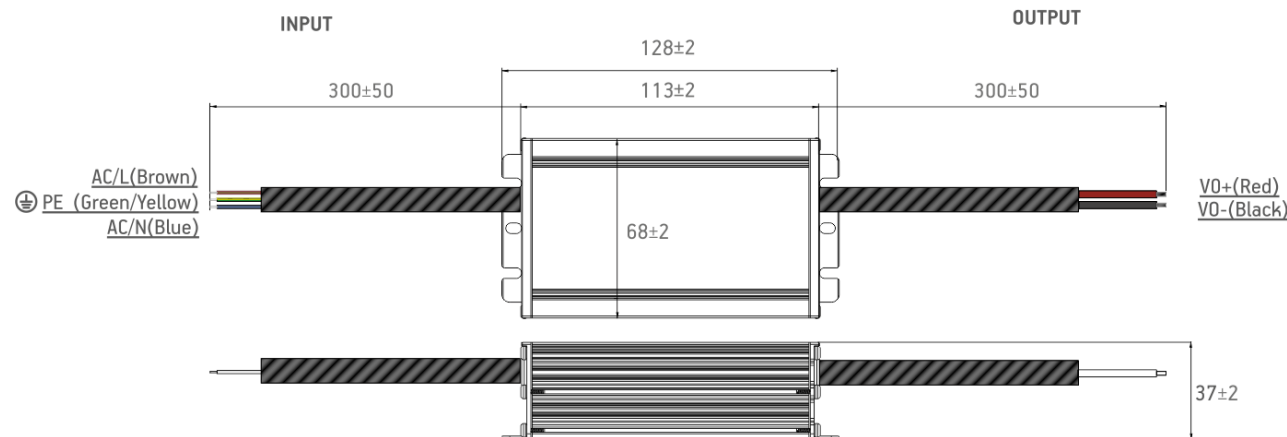
EFFICIENCY (TYP.)	$\geq 88\%$ (230 VAC)
COLD START	$\leq 3000\text{ms}$ (230 VAC)
TOTAL HARMONIC DISTORTION (THD)	$< 20\%$
OPERATING CONDITIONS	$-40^\circ\text{C} \sim +50^\circ\text{C}$; $20 \sim 95\%$ humidity
STORAGE CONDITIONS	$-40^\circ\text{C} \sim +80^\circ\text{C}$; $10 \sim 95\%$ humidity
IP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

QUANTITY OF DRIVERS PER CIRCUIT BREAKER

CIRCUIT BREAKER OF TYPE C 16 A

18 units (230 VAC)

DIMENSIONS



* Dimensions are in mm

INPUT

INPUT VOLTAGE RANGE	100 – 240 VAC; 50 – 60 Hz
MAX INPUT AC CURRENT	0.8 A Max
MAX INRUSH CURRENT	≤ 65 A (100-277 VAC)
POWER FACTOR	≥ 0.90 (230 VAC)

OUTPUT

OUTPUT CURRENT	0.7 A
OUTPUT VOLTAGE	40-80 VDC
OUTPUT POWER	60 W

ORDERING INFORMATION

SKU	UNIT NET WEIGHT, G	UNIT DIMENSIONS (LxWxH), MM
BPSP-60-C700.1	580.0	113x68x37