



Switch Mode Power Supply SMPS001-SMPS002 Data sheet

SMPS001 - SMPS002

The Switch Mode Power Supply SMPS001 or SMPS002 supplies power to various HOMELINE® or DESKLINE® systems used for applications like leisure beds and basic office desks. With an external power supply, the application becomes a low voltage unit. In standby mode, the SMPS has an extremely low power consumption of only 0.1 W. This is what we call ZERO™ technology.

The SMPS001 is a 230 V version and the SMPS002 is a 120 V version.



Features:

SMPS001

- Nominal input voltage (mains voltage): 230 V AC ± 10 %
- Nominal input current: 1.8 A
- Nominal input frequency: 50 Hz

SMPS002

- Nominal input voltage (mains voltage): 120 V AC ± 10 %
- Nominal input current: 2.9 A
- Nominal input frequency: 60 Hz

Common

- Output: 24 V DC 2 A DC (continuous load)
or Max. $P_{out} \leq 150$ W (duty cycle load)
- Duty cycle: 10 % $\approx$ 2 minutes continuous use followed by 18 minutes pause
- Plug type: Minifit 2-pole
- Colour: Black (RAL 9005)
- Thermal switch
- Temperature: Operation: 0 to 40 °C
Storage and transportation: -10 to +70 °C
- Operation Humidity: 20 to 95 %
- Altitude above sea level: ≤ 2000 m

Option:

- Locking device for cable relief

Usage:

- Compatible with the CBH control box family Basic and Advanced (Advanced must be configured), CBD6DC, TD4 Advanced, TD5 Advanced, LA10 (only SMPS001), LA18, KA20 IC and DESKLINE DL IC systems.

SMPS001 approvals and standards

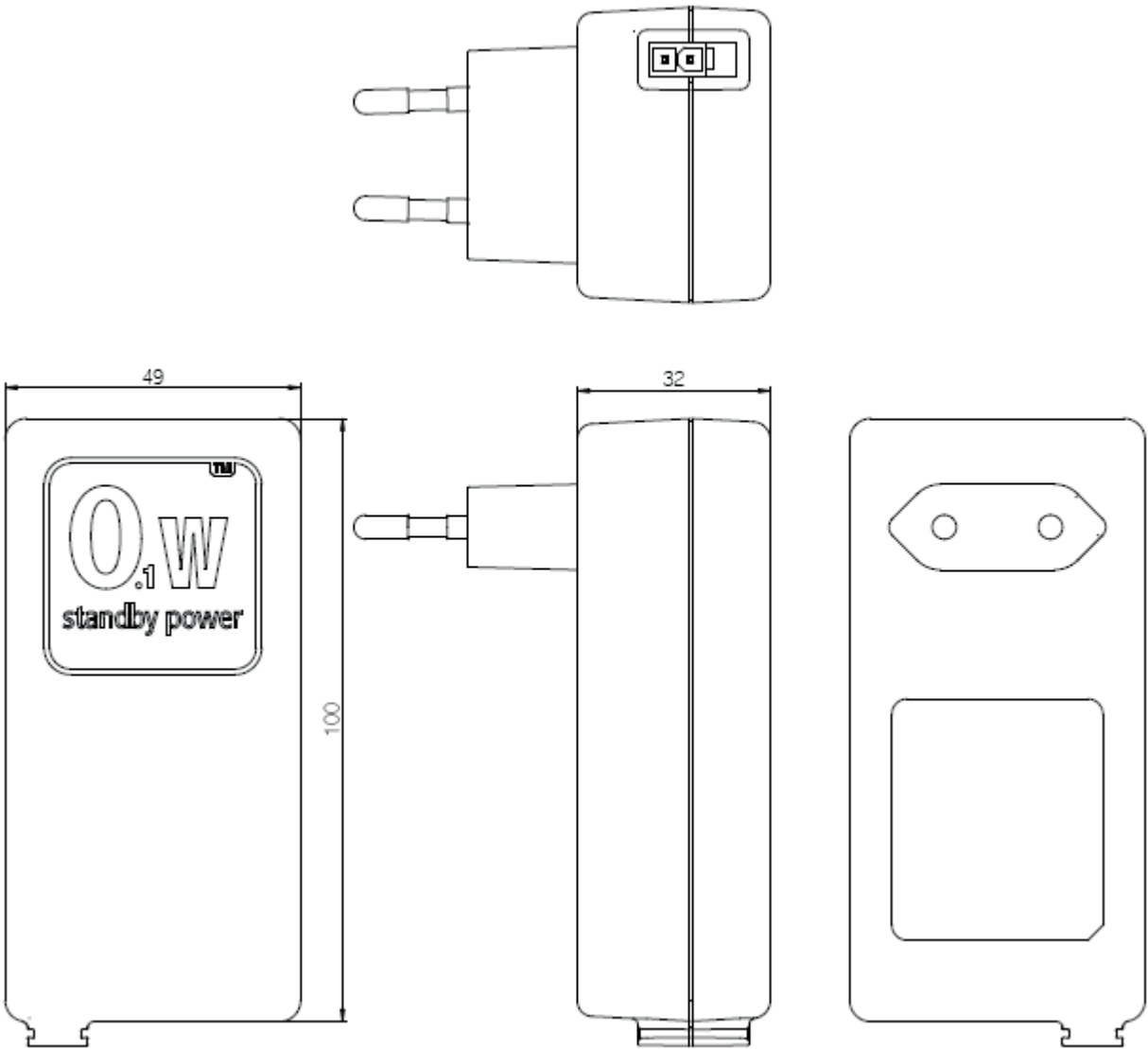
- Unit approvals:
 - EN 61558-1:2005 + A1:2009
 - EN 61558-2-16:2009 + A1:2013
 - EN 55032:2015
 - EN 61000-3-2:2014
 - EN 61000-3-3:2013
 - EN 55024:2010 + A1:2015
 - EN 50563:2011 + A1:2013
 - EN 50564:2011
 - EN 50581:2012
- System approvals
 - EN60335-1
 - EN55032, Class B

SMPS002 approvals and standards

- Unit approvals:
 - UL60950-1
 - FCC Part 15, Class B
 - DoE Level VI
- System approvals
 - UL962
 - FCC Part 15, Class B

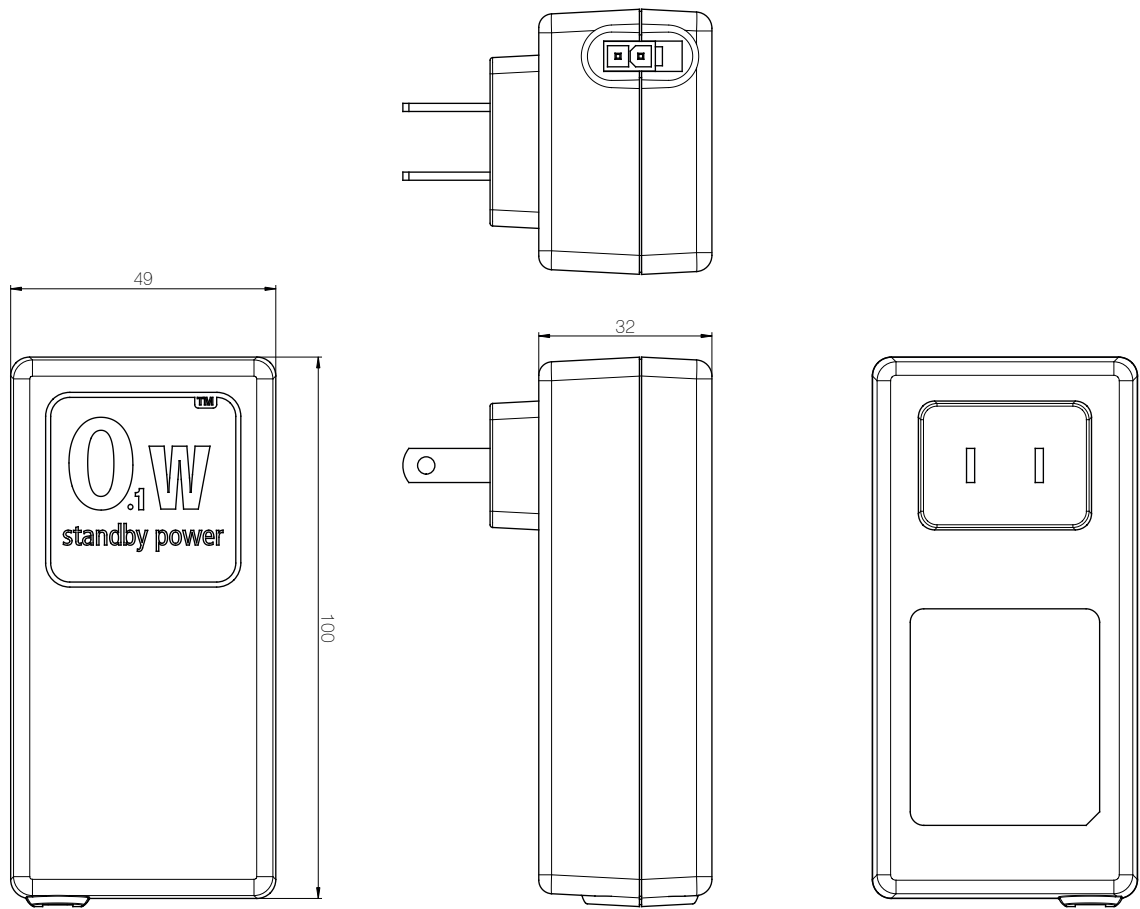
Dimensions:

SMPS001



Dimensions:

SMP5002



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