



Switch Mode Power Supply
SMPS001-SMPS002
Data sheet

SMPS001 - SMPS002

The Switch Mode Power Supply called 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), TD4 Advanced, TD5 Advanced, LA18, KA20 IC and DESKLINE DL IC systems.

SMPS001 approvals and standards

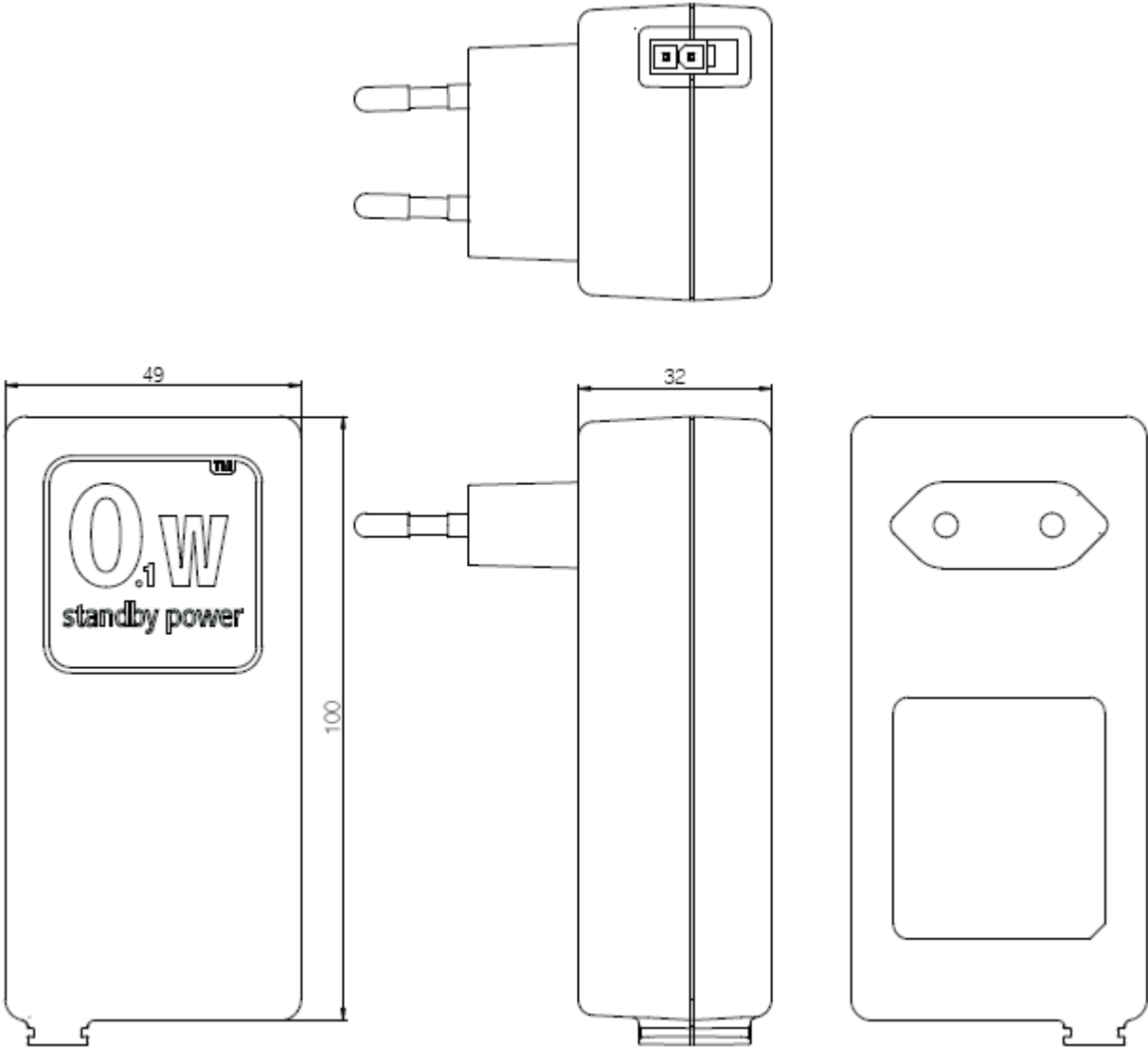
- Unit approvals:
 - EN 61558-1:2005 + A1:2009
 - EN 61558-2-16:2009 + A1:2013
 - EN 55032:2015
 - EN 61000-3-2:2014
 - EN 61000-3-3:2013
 - EN 55024:2010 + A1:2015
 - EN 50563:2011 + A1:2013
 - EN 50564:2011
 - EN 50581:2012
- System approvals
 - EN60335-1
 - EN55032, Class B

SMPS002 approvals and standards

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

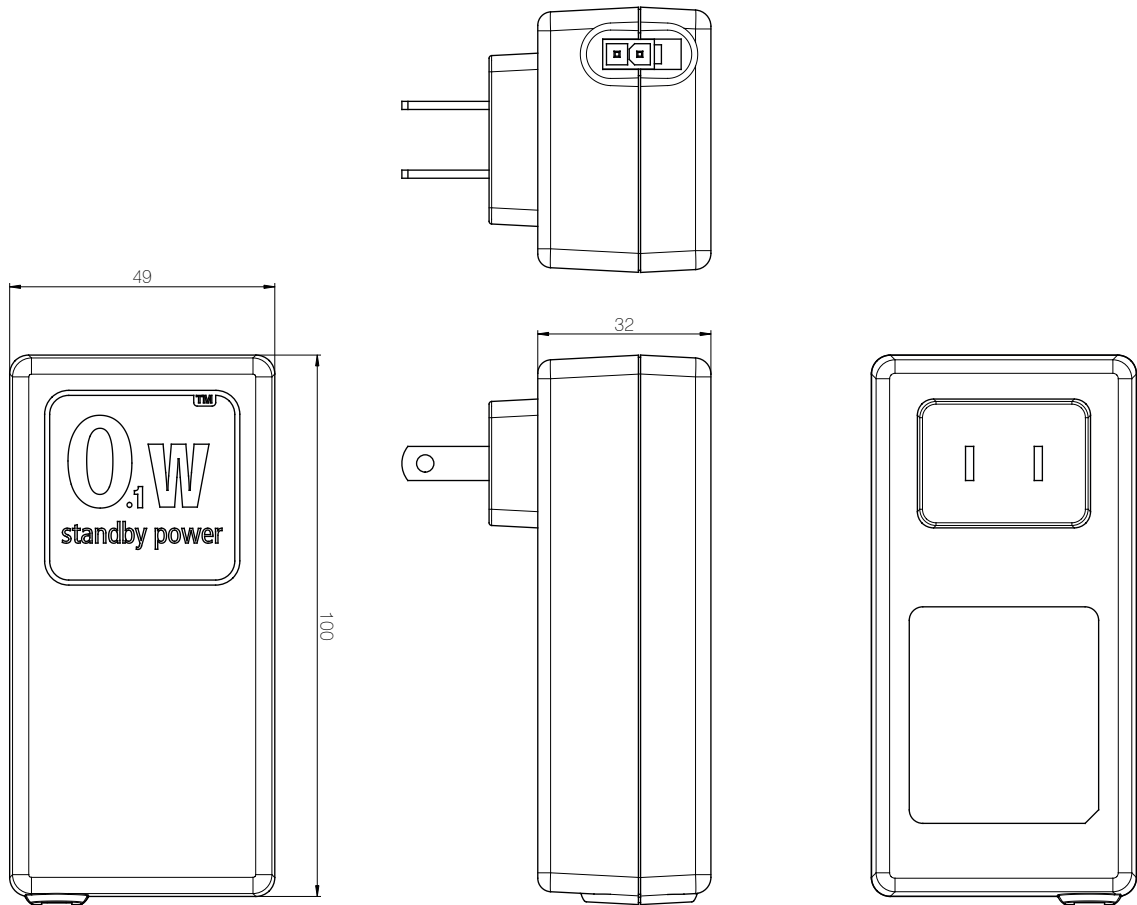
Dimensions:

SMPS001



Dimensions:

SMPS002



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