SMPS001 / SMPS002

Data Sheet





The Switch Mode Power Supply SMPS001 or SMPS002 supplies power to various LINAK® Workspaces and residential systems used for applications like leisure beds, recliners, 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/Accessories/Compatibility/Usage

Features

Feature	SMPS001	SMPS002
Nominal input voltage (mains voltage)	230 V AC ±10%	120 V AC ±10%
Nominal input current	1.8 A	2.9 A
Nominal input frequency	50 Hz	60 Hz
Plug type	Minifit 2-pole	
Colour	Black (RAL 9005)	
Thermal switch	Yes	

Accessories

- Locking device for cable relief (item number 0705889)

Compatibility

- CBD6DC
- TWINDRIVE® Advanced
- LA10 system (only SMPS001)
- LA18 IC Advanced
- DESKLINE® DL IC systems

Usage

- Duty cycle: 10% ≈ maximum 2 minutes continuous use followed by 18 minutes pause
- For indoor use in dry locations

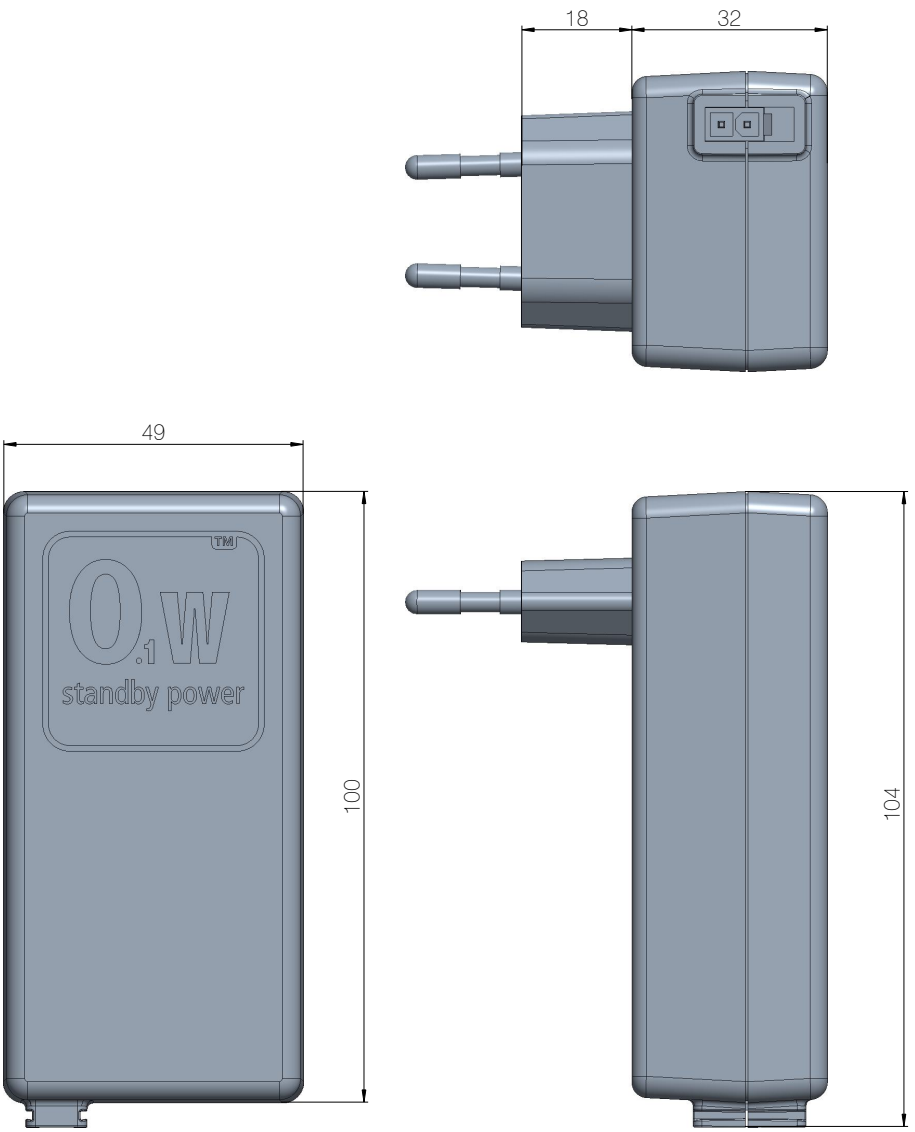
Parameter	Operation	Storage and transportation
Temperature	0 to 40 °C	-10 to +70 °C
Relative humidity	20% to 80% - non-condensing	20% to 80% - non-condensing
Atmospheric pressure	800 to 1060 hPa	700 to 1060 hPa
Altitude	Max. 2000 m	N/A

- Approvals:

	SMPS001	SMPS002
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	- UL60950-1 - FCC Part 15, Class B - DoE Level VI 120 V AC ±10 %
System approvals	- EN60335-1 - EN55032, Class B	- UL962 - FCC Part 15, Class B

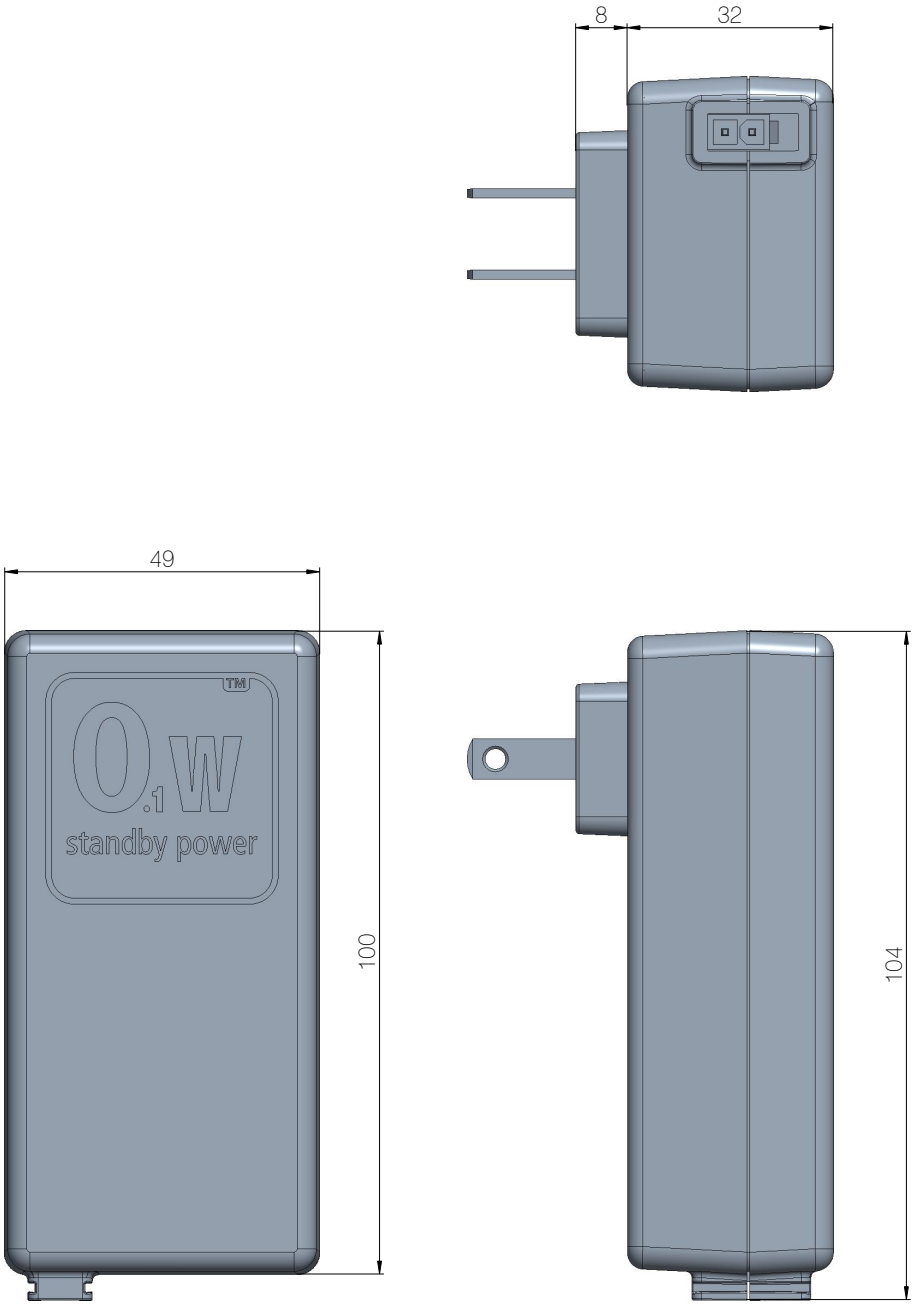
Dimension drawings

All dimensions are in mm



Drawing no. 1089W4010

Figure 1 SMPS001



Drawing no. 1089W4020

Figure 2 SMPS002

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