

SMPS007

Data Sheet





The Switch Mode Power Supply SMPS007 supplies power to various HOMELINE® or DESKLINE® systems used for applications like leisure beds, recliners and basic office desks. With an external power supply, the application becomes a low voltage unit. The SMPS is a 120 V version suitable for the US and the Japanese markets. It has an extremely low power consumption in standby mode of only 0.1 W. This is what we call ZERO™ technology.

Features/Usage

Features

- Nominal input voltage: 100 - 120 V AC $\pm 10\%$
- Nominal input current: 4.0 A
- Input frequency: 50 Hz/60 Hz
- Power: 190 W
- Standby power consumption: 0.1 W
- Nominal output voltage: 29 V DC $\pm 10\%$
- Cable: 2-pole cable with minifit plug
- Colour: Black (RAL 9005)
- Thermal protection

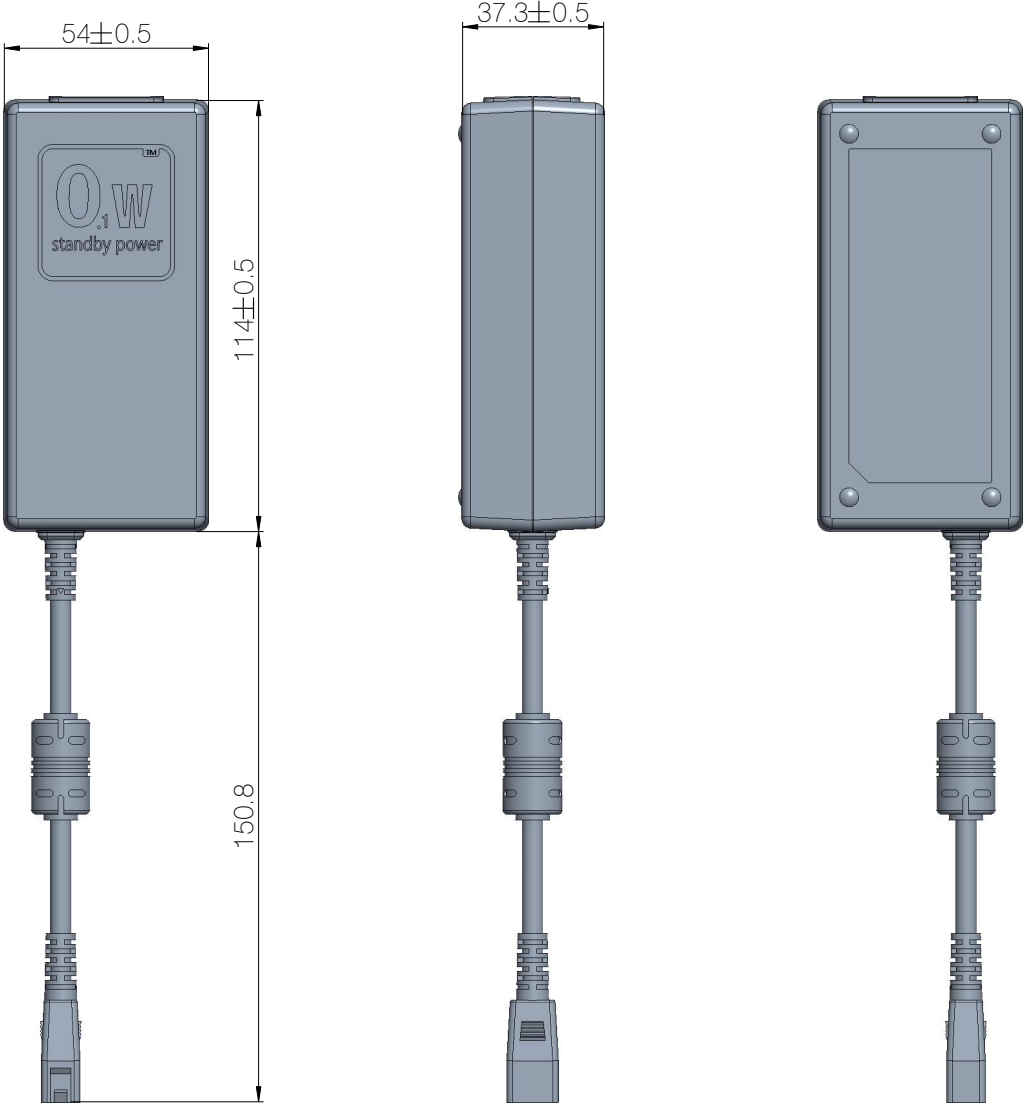
Usage

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

Parameter	Operation	Storage and transportation
Temperature	10 to 40 °C	-10 to +50 °C
Relative humidity	20% to 80% - non-condensing	20% to 80% - non-condensing
Atmospheric pressure	700 to 1060 hPa	700 to 1060 hPa
Altitude	Max. 2000 m	Max. 2000 m

- Compatible with:
 - HOMELINE products/systems:
 - TD4 Advanced
 - TD5 Advanced
 - LA10
 - LA18
 - KA20 IC
 - DESKLINE products/systems:
 - DL IC systems.
- Approvals:
 - US:
 - UL 62368
 - FCC / IC
 - DOE energy efficiency level VI
 - Japan:
 - PSE

Dimension drawings



Drawing No. 1089W4001

Figure 1 SMPS007 dimensions (mm)

Mounting bracket

A bracket for mounting the SMPS007 onto the application to give a fixed placement and ensure cable relief for the mains cable. Must be ordered separately (SA0705890). The bracket must be fastened with two wood screws with a pan head. The mains cable port of the SMPS007 must face towards the cable relief on the mounting bracket.

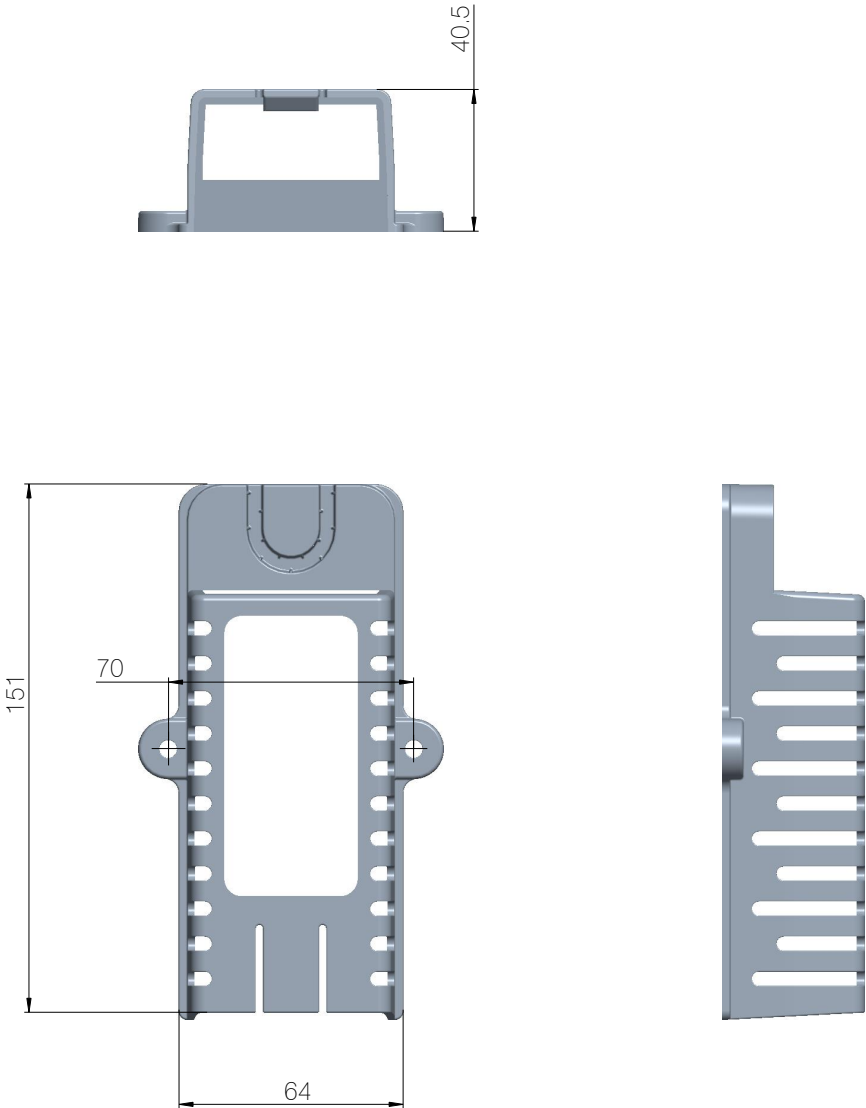


Figure 2 Bracket dimensions (mm)

Drawing No. 1089W4002

Cables/accessories

Connection cable: 2-pole cable minifit plug

Article number	Length (mm)	Description
CAB0965362-400	400	Angle plug in both ends
CAB0965362-800	800	Angle plug in both ends
CAB0705894-200	200	Straight plug in both ends
CAB0705873-700	700	Straight plug in both ends
CAB0705873-1000	1000	Straight plug in both ends
CAB0705873-1800	1800	Straight plug in both ends
CAB0705870-3500	3500	Straight plug in both ends

Connection to the mains

Article number	Length (mm)	Description
CAB0015827	3000	Straight cable with Japanese plug (PSE-approved)
CAB0015188	3000	Straight cable with US plug

Accessories

Article number	Description
SA0705890	Mounting bracket for SMPS007*

*Must be ordered in quantities of 160 pcs.

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