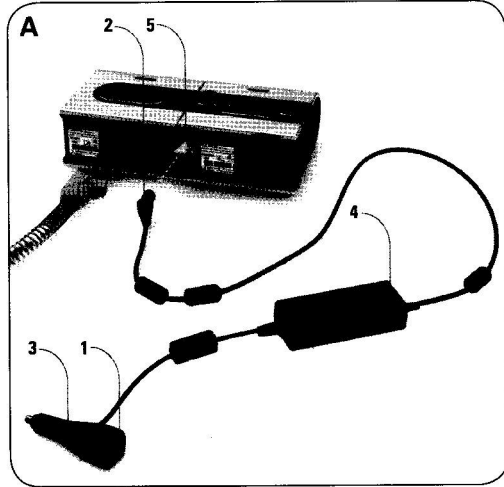


DC/DC Converter 24V/90W

User Guide

English • Deutsch • Français • Italiano • Español • Português • Nederlands • Svenska • Dansk • Norsk • Suomi • 简体中文 • 繁體中文



English

The DC/DC Converter 24V/90W allows you to operate an S9 device including an H5i and ClimateLine from a 12V or 24V DC power source in a car, boat, or other vehicle equipped with a suitable battery. Consult your equipment supplier for more information about this accessory.

CAUTIONS

- Only use the converter when connecting to a 12V or 24V DC supply.
- Do not connect an S9 device to a 12V or 24V DC power source while the DC power source is being charged from AC mains.
- The converter must only be used with S9 devices to ensure proper performance of the device.
- The converter is intended for use on 12V or 24V negative ground systems (where the negative terminal of the battery is grounded). Using it on a 12V or 24V positive ground system may damage the S9 device and the vehicle's electrical system. If you are unsure whether you have a negative ground system, consult the power source's manual.
- Do not leave the converter connected to the power source when the S9 device is not in use, as this may discharge the battery over time.
- Make sure the converter is not covered during use, to avoid damaging the device.
- You must have an electrical system in good condition. Have it checked by an auto electrician if in doubt.
- The converter is not intended for use on an aircraft.

Using the converter

Refer to illustration A.

1. Before connecting the converter, ensure the switch (1) is off.
2. Position the converter on a level surface, with the ResMed logo facing up.
3. Plug the connector end (2) of the converter into the DC input socket (5) on the S9 device.

Connecting via a cigarette lighter

1. Remove the cigarette lighter from the vehicle socket.
2. Plug the cigarette lighter adaptor plug (3) on the converter into the vehicle cigarette lighter socket.
3. The light (4) on the converter will glow green when the connection is made and the switch is on. Your S9 device should then power on.
The light will flash continuously if the connection is not made, or if the device is in standby mode or power save mode when the connection is made. If the battery is low, the light will turn amber. If the light does not operate, check that the switch on the cigarette lighter adaptor plug is on.

Notes:

- Some vehicles require the ignition key to be turned to the "accessories" position to provide power to the cigarette lighter socket.
- If you connect your S9 device to a powered converter, the converter may power down. To resume power, turn your converter off and on again via the switch on the cigarette lighter adaptor plug.
- If the battery AND your vehicle are not in good condition, there may not be enough reserve left in the battery to start the vehicle after use.
- ResMed does not recommend frequent use of the standard automotive cigarette socket to power your S9 device. A standard vehicle battery is not optimized for frequent heavy discharges. Contact ResMed Technical Services for further information and recommendations.
- There are no user-serviceable parts inside the converter.
- If the converter cuts power to your S9 device when starting your vehicle, disconnect the converter from the vehicle, wait a few seconds, and then reconnect it.

Cleaning

If necessary, wipe the outside of the converter with a clean, damp cloth.

Technical specifications

Length (connector to connector): 2.3 m

Battery voltage: 12V or 24 V

Fuse rating: 20A




Typical current consumption:

6.0A at nominal 12V input, 3.0A at nominal for 24V input. The actual current level will depend on pressure and humidification levels and breathing patterns. Output voltage: 24V, 2.5A.

Electromagnetic compatibility:

Product complies with all applicable electromagnetic compatibility requirements (EMC) according to IEC60601-1-2, for residential, commercial and light industry environments. Information regarding the electromagnetic emissions and immunity of this ResMed device can be found on www.resmed.com, on the Products page under Service and Support. Click on the PDF file for your language.

Symbols which may appear on the device

- ⚠ Attention, consult accompanying documents; Class II equipment;  Protection against vertical rain at 1.0 to 1.5mm/min;  Type BF equipment;  Direct Current.