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DC/DC CONVERTER 24V/50W

User Guide

English

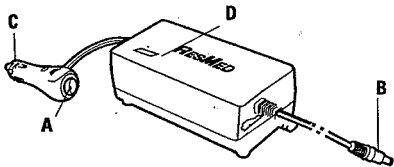
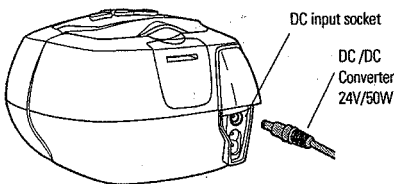
The ResMed DC/DC Converter 24V/50W allows you to operate a ResMed VPAP™ Auto 25, S8™ Auto 25, VPAP™ S, VPAP™ ST, VPAP™ IV or VPAP™ IV ST device ("device") from a 12V or 24V DC power source in a car, boat, or other vehicle equipped with a suitable battery. Consult your equipment supplier for more information about this accessory.

⚠ CAUTION

- Only use the Converter when connecting to a 12V or 24V DC supply.
- Do not connect the device to a 12V or 24V DC power source while you are using AC power, as this may affect the performance of the device.
- The Converter must only be used with a VPAP Auto 25, S8 Auto 25, VPAP S, VPAP ST, VPAP IV or VPAP IV ST, 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 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 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.
- A vehicle should not be started or running when the device is in use and connected via the Converter.
- You must have an electrical system in good condition. Have it checked by an auto electrician if in doubt.

Using the Converter

1. Remove the AC power cord from the device (if attached).
2. Before connecting the Converter, ensure the switch is off (A).
3. Position the Converter on a level surface, with the ResMed logo facing up.
4. Plug the connector end (B) of the Converter into the DC input socket of the device.



Connecting via a cigarette lighter

1. Remove the cigarette lighter from the vehicle socket.
2. Plug the cigarette lighter adaptor plug (C) on the Converter into the vehicle cigarette lighter socket.
3. The light (D) on the Converter will glow green when the connection is made and the switch is on. If the light does not operate, check that the switch on the cigarette lighter adaptor plug is on. Your device should then power 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 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 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.

Cleaning

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

Technical Specifications

Length (connector to connector)	1.8 m
Battery Voltage	12V or 24V
Current Consumption	4A nominal 12V input, 2A nominal for 24V input. The actual current level will depend on pressure levels and breathing patterns. Output Voltage: 24V, 2.0A, 4.0A peak

Electromagnetic Compatibility

Product complies with all applicable electromagnetic compatibility requirements (EMC) according to IEC60601-1-2, for residential, commercial and light industry environments. For further details, see "Guidance and Manufacturers Declaration Electromagnetic Emissions and Immunity" in your device User Guide.

Symbols that may appear on the Product

⚠ Attention, consult accompanying documents; ♡ Type CF equipment; □ Class II equipment; ⚡ Protection against vertical rain at 1.0 to 1.5mm/min; ——— Direct Current.

Limited Warranty

ResMed warrants that your ResMed DC/DC Converter 24V/50W shall be free from defects in material and workmanship for a period of 12 months from the date of purchase by the initial consumer. This warranty is not transferable.

If the product fails under conditions of normal use, ResMed will repair or replace, at its option, the defective product or any of its components. This Limited Warranty does not cover:

- a) any damage caused as a result of improper use, abuse, modification or alteration of the product;