

ResMed DC-12 Converter

The ResMed DC-12 converter allows you to operate a ResMed VPAP Auto™ or ResMed S8™ device from a 12V or 24V DC power source in a car, boat, or other vehicle equipped with a suitable battery. (See Notes for further details.)

The ResMed DC-12 converter is required if you are using a VPAP Auto or S8 device in an environment where mains power is not available and you are using a 12V or 24V DC power source. Consult your equipment supplier for more information about this accessory.

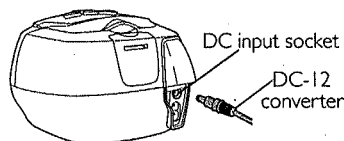
⚠ CAUTIONS

- Only use the DC-12 converter when connecting to a 12V or 24V DC supply.
- Do not connect a VPAP Auto or S8 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 DC-12 converter must only be used with VPAP Auto or S8 devices, to ensure proper performance of the device.
- The DC-12 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 VPAP Auto or S8 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 DC-12 converter connected to the power source when the VPAP Auto or S8 device is not in use, as this may discharge the battery over time.
- Make sure the DC-12 converter is not covered during use, to avoid damaging the device.

- A vehicle should not be started when the device is in use and connected via the DC-12 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 VPAP Auto or S8 device (if attached).
- 2 Plug the DC-12 converter power cord into the DC input socket on the VPAP Auto or S8 device.



- 3 Insert the other end of the DC-12 converter cable into the power source on your vehicle.
- 4 The flow generator keypad and LCD will light up when the connection is established.

Notes:

When using the VPAP Auto or S8 device with a DC power source, the battery may be depleted during the night. As a result, there may not be enough power to start a vehicle. To avoid this:

- Do not rely on a battery that operates a vehicle; use an auxiliary battery or spare battery instead.
- Always start with a fully charged battery in good condition. A VPAP Auto or S8 device will not recharge an external battery.
- Contact your supplier or local ResMed office for further information about suitable battery types and capacities.

CLEANING

If necessary, wipe the outside of the DC-12 converter with a clean, damp cloth.

TECHNICAL SPECIFICATIONS

LENGTH (CONNECTOR TO CONNECTOR)

2.95 m

BATTERY VOLTAGE & CURRENT RANGE

12-13.8V, 3.1A or 24-27.6V,
1.5A nominal DC

CURRENT CONSUMPTION

The actual current level will depend on pressure levels and breathing patterns.

Power consumption values for typical treatment conditions (using a breathing machine set to 0.5L and 15 breaths/min with 2 m air tubing and an ULTRA MIRAGE™ mask) are given in the following table.

Device	Pressure (cm H ₂ O)	DC Current (mA)	
		12V	24V
S8 Escape	Standby	274	156
	5	641	340
	10	950	480
	15	1,270	640
	20	1,615	805
S8 AutoSet/ S8 Elite	Standby	276	155
	5	675	335
	10	1,015	505
	15	1,395	700
	20	1,855	920
VPAP Auto* S8 Elite II/ S8 AutoSet II	Standby	273	157
	5	590	283
	10	895	455
	15	1,230	630
	20	1,655	830
VPAP Auto (SPONT Mode)	IPAP = 13 EPAP = 8	970	489
	IPAP = 20 EPAP = 10	1,310	660

* This refers to the pressure value that is closest to your 95th percentile AutoSet Pressure.

OUTPUT VOLTAGE

12V DC, 2.5A maximum

ELECTROMAGNETIC COMPATIBILITY

Product complies with all applicable electromagnetic compatibility requirements (EMC) according to IEC 60601-1-2, for residential, commercial, and light industry environments. For further details, see "Guidance and Manufacturers Declaration Electromagnetic Emissions and Immunity" in your VPAP Auto or S8 device user's manual.

SYMBOLS WHICH APPEAR ON THE DEVICE



Attention, consult accompanying documents;



Class II equipment;  Drip proof;



Direct current.

LIMITED WARRANTY

ResMed warrants that your ResMed DC-12 Converter 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;
- b) repairs carried out by any service organization that has not been expressly authorised by ResMed to perform such repairs;
- c) any damage or contamination due to cigarette, pipe, cigar or other smoke;
- d) any damage caused by water being spilled on or into the product.

Warranty is void on product sold, or resold, outside the region of original purchase. Warranty claims on defective product must be made by the initial consumer at the point of purchase.

This warranty is in lieu of all other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose. Some regions or states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

ResMed shall not be responsible for any incidental or consequential damages claimed to have occurred as a result of the sale, installation or use of any ResMed product. Some regions or states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from region to region. For further information on your warranty rights, contact your local ResMed dealer or ResMed office.