

## ResMed S10 Operating from ResMed Battery



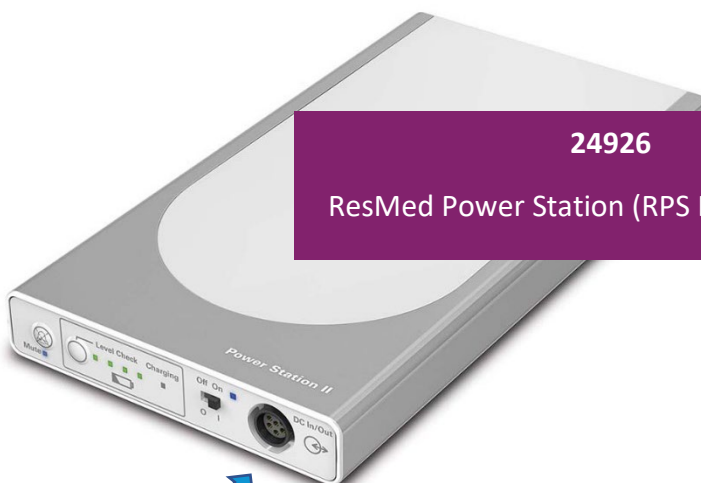
### Suits:

- 37460** AirSense 10 Elite CPAP Machine
- 37457** AirSense 10 AutoSet CPAP Machine
- 37458** AirSense 10 AutoSet for Her CPAP Machine
- 37459** AirCurve 10 CS Pace Wave CPAP Machine



**37343**

RPS II - AirSense 10 /  
Lumis DC Cable



**24926**

ResMed Power Station (RPS II) Battery Only

**B**

**B**



**24964 - Optional**

RPS II Battery Coupler Kit for two Batteries

## ResMed S10 Charging your ResMed Battery

### 3 Options Available:

- 24926** ResMed Power Station (RPS II) Battery Only
- BATPACK** Kit with Cable & Adapter
- BATPACKCB** Kit with Cable, Adapter & Carry Bag



**37342**

RPS II - AirSense 10 /  
Lumis CPAP PSU Adapter

**37347** (Supplied with S10 Unit)

AirSense 10 / Lumis CPAP PSU 90W ANZ

ResMed S10 Battery options		24926	BATPACK Kit with Cable & Adapter	BATPACKCB Kit with Carry bag	Required for Double Battery operation
24926	Battery	X	X	X	X 2
24952	Battery Carry Bag			X	Recommended
24946	RPS II PSU Adapter				
37343	DC Cable		X	X	X
37342	PSU Adapter		X	X	X
37347	S10 90W Power Supply				
24964	Battery Coupler for using two batteries together				X
37297	DC/DC Converter Kit				

## ResMed S10 Operating from Battery with DC/DC Converter 90W



**37297** DC/DC Converter Kit

DC/DC Converter 90W allows you to operate your device from a vehicle cigarette lighter socket (12V or 24V DC power source) in a car, boat, or other vehicle equipped with a suitable battery.

The Air10 DC/DC Converter 90W is specifically for use with an AirSense™ 10 or AirCurve™ 10 device

The DC/DC converter 90W comprises the following elements:

- DC/DC Converter 90W
- Battery clips

### Using the converter via a vehicle cigarette lighter socket

1. Before connecting the converter, make sure the converter switch (A) is off.
2. Position the converter on a level surface, with the ResMed logo facing up.
3. Plug the converter connector (B) into the device power inlet/DC input socket (C).
4. Remove the cigarette lighter from the vehicle cigarette lighter socket.
5. Plug the converter adaptor plug (D) into the vehicle cigarette lighter socket.
6. Switch on the converter. The light (E) will glow green when it powers on.

The light will flash continuously if the connection is not made, or if the device is in standby or power save mode when the connection is made. If the battery is low, the light will glow amber. If the light does not operate, check that the converter switch (A) is on.

### Notes:

- Some vehicles require the ignition key to be turned to the “accessories” position to provide power to the vehicle cigarette lighter socket
- If you connect your device to a powered converter, the converter may power down. To resume power, turn the converter off and on again.
- The power cord is not replaceable.
- If the battery OR car, boat or other vehicle are not in good condition, there may not be enough reserve left in the battery to start the vehicle after use.
- The AirSense 10 / AirCurve 10 device with the HumidAir™ humidifier attached uses considerably more power than the AirSense 10 / AirCurve 10 device alone. Using the HumidAir humidifier will drain the battery more quickly.
- If the converter cuts power to your device when starting your car, boat, or other vehicle, disconnect the converter from the vehicle. Wait a few seconds and then reconnect it.
- When the converter is not in use switch the converter off or disconnect it from the vehicle cigarette lighter socket to prevent battery discharge.
- ResMed recommends connecting a deep cycle battery to the converter to power your device, as deep cycle batteries are optimized for frequent heavy discharges.
- The converter can also be used with the battery clips provided. For more information, see the battery guide available on [www.resmed.com](http://www.resmed.com) on the Products page under Service & Support.

### Cleaning

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

### WARNINGS

- Read instructions before use.

- Only use the converter when connecting to a 12V or 24V DC supply.
- Do not attempt to modify the converter. There are no user-serviceable parts inside the converter.

## CAUTIONS

- The Air10 DC/DC converter must only be used with Airsense 10 and AirCurve 10 devices to ensure proper performance.
- 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 converter and the vehicle's electrical system. If you are unsure whether you have a negative ground system, consult the car, boat or other vehicle manual.
- Make sure the converter is not covered during use to avoid overheating the converter.
- The converter is not intended for use on an aircraft.

## Technical specifications

Length (connector to connector)	9.8 ft (3 m)
Fuse rating	20A
Fuse type	Fast blow, low breaking capacity
Input	12V/24V 13/6.5A
Output	24V 3.75A
Peak power consumption	106W
Typical power consumption	51W
Operating temperature	+41°F to +95°F (+5°C to +35°C)
Operating humidity	10 to 95% non-condensing
Operating altitude	Sea level to 8,500' (2,591 m); air pressure range 1013 hPa to 738 hPa
Storage and transport temperature	-4°F to +140°F (-20°C to +60°C)
Storage and transport humidity	5 to 95% non-condensing
Electromagnetic compatibility	<p>Product complies with all applicable electromagnetic compatibility requirements (EMC) according to IEC60601-1-2, for residential, commercial, and light industry environments.</p> <p>Ensure that wireless communications devices (such as mobile phones, wireless home network devices, cordless telephones and their base stations, and walkie-talkies) are kept at least 3.2 ft (1 m) away from the device.</p> <p>Information regarding the electromagnetic emissions and immunity of this ResMed device can be found on <a href="http://www.resmed.com">www.resmed.com</a>, on the Products page under Service and Support.</p>