



ResMed

RPS II

External battery pack for ResMed ventilators and sleep devices (24V and 26V).

ResMed Power Station II (RPS II) is an all-in-one battery pack that provides convenient power and backup power for ResMed ventilators and sleep therapy devices, without the need for a separate converter.

Long-lasting power: doubled

- RPS II provides extended hours of run time with a single battery.
- The power capacity and operation time can be doubled by using two batteries, with an automatic transition from the primary battery to the reserve.

Convenient and portable

- RPS II provides battery power for the device in case of power outages or where mains power is not available.
- It's suitable for both home care and hospital care, and ideal for travel or when additional mobility and freedom are required such as on the back of a wheelchair.

Safety alerts and indicators

- With audible and visual alerts, a beeping sound and orange light (LED) indicate that the battery needs to be recharged.
- The battery-charge display indicates the charge level.



RPS II*: convenient and portable external battery pack for ResMed therapy devices.



RPS II: the power of one ... or two



The convenience of one common battery across a range of devices ...



... or two batteries seamlessly connected to double the capacity.

How it works

RPS II is an external long-life, lithium-ion battery that works alongside ResMed ventilators or sleep therapy devices.

Charging the battery: quick and easy

You can charge the battery from 0% to greater than 95% in less than four hours.

Power or backup power: simple and convenient

The voltage output selector on the RPS II rear panel lets you select the correct output voltage for your device. Using the appropriate DC cable you can connect the battery to the ResMed therapy device to provide power or backup power. When providing backup power (for AC or DC inputs), the AC power cord connects the therapy device to the mains power outlet.

Using two batteries: doubling capacity

The two batteries sit neatly on top of each other. A Velcro™ strap is included in the coupler kit to hold them more securely if required.

Both batteries can be charged together or used simultaneously to power a therapy device (via the coupler) – one battery serving as the primary power source, the other as the reserve.

Please refer to the ResMed Power Station II User Guide for detailed information on product handling and usage.

Ordering information

Step 1: Order the RPS II battery pack (which includes one battery, one carry bag, one power supply unit [PSU] adapter for non-Air10, and a User Guide).

Step 2: Order the DC cable* based on the specific ResMed ventilator or sleep device with which RPS II will be used.

Step 3: For devices other than S9™ and Air10™, order an S9 PSU.

Optional: If two batteries are required, order an additional battery only, and a battery coupler kit.

Technical specifications

| | |
|-------------------------------------------------|----------------------------------------------------------------------------------------------|
| Battery type | Lithium-ion |
| Recharge time | <4 hrs from fully empty to fully charged |
| Battery run time | For information on battery run time, see the Battery/Device Compatibility List on ResMed.com |
| Dimensions (L x W x H) | 230 x 126 x 26 mm |
| Battery weight | 0.9 kg |
| Power supply | Input range 100–240V, 50–60Hz, 0.5–1.5A Nominal for aircraft use 110V, 400Hz |
| Battery output voltage | (24V/26V) ± 1V, 90W continuous |
| Power supply unit output current (rated) | 3.75A |
| Battery output current (rated) | 3.75A/3.46A |

* RPS II cannot be connected to mains power supply and the device simultaneously.

** Both Air10 DC cable and Air10 PSU adapters are required to power Air10 devices.

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Product codes

| | |
|-------------------------------------------------|--------------|
| RPS II battery pack | 24921 |
| RPS II battery only | 24926 |
| RPS II coupler kit | 24964 |
| RPS II Air10 DC cable** | 37343 |
| RPS II Air10 PSU adapter** | 37342 |
| Air10 PSU 90W US | 37344 |
| Air10 PSU 90W UK | 37345 |
| Air10 PSU 90W EUR | 37346 |
| Air10 PSU 90W ANZ | 37347 |
| RPS II S9 Series DC cable | 24961 |
| RPS II VPAP™ III and Stellar™ DC cable | 24959 |
| RPS II VPAP IV DC cable | 24960 |
| RPS II Stellar DC cable for use in mobility bag | 24981 |
| RPS II Elisée™ DC cable | 24962 |
| RPS II VS III™ DC cable | 24963 |
| RPS II PSU adapter for non-Air10 | 24946 |
| S9 PSU 90W plus power cord US | 36821 |
| S9 PSU 90W plus power cord UK | 36822 |
| S9 PSU 90W plus power cord EUR | 36823 |
| S9 PSU 90W plus power cord ANZ | 36824 |