



ResMed

RPSII-V2

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

ResMed Power Station II-V2 (RPSII-V2) is an all-in-one battery pack designed to provide convenient power and backup power for ResMed ventilators and sleep therapy devices, without the need for a separate converter.

Long-lasting power: doubled

- RPSII-V2 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

- RPSII-V2 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.



RPSII-V2*: convenient and portable external battery pack for ResMed therapy devices.



RPSII-V2: 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

RPSII-V2 is an external lithium-ion battery that works alongside ResMed ventilators or sleep therapy devices.

Charging the battery: designed to be quick and easy

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

Power or backup power: engineered to be simple and convenient

The voltage output selector on the RPSII-V2 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: assists with 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-V2 User Guide for detailed information on product handling and usage.

Ordering information

Step 1: Order the RPSII-V2 battery kit (which includes one battery, one carry bag, one Air10 power supply unit (PSU) adaptor and a User Guide).

Step 2: Order the appropriate DC cable* to be used with your ResMed device.

Step 3: Order the Air10 PSU 90W II.**

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) ± 1V, 90W continuous
Power supply unit output current (rated)	3.75A
Battery output current (rated)	3.75A/3.46A

Note: RPSII-V2 cannot be connected to mains power supply and the device simultaneously.

Product codes

RPSII-V2 battery kit	24701
RPSII-V2 battery only	24704
Air10 PSU 90W ANZ II	37477
Air10 PSU 90W BR II	37309
Air10 PSU 90W China II	37480
Air10 PSU 90W Japan II	37478
RPSII coupler kit	24964
RPSII-V2 Air10 PSU adaptor**	24706
RPSII Air10 DC cable*	37343
RPSII Stellar™ DC cable*	24959
RPSII Stellar DC cable* for use in mobility bag	24981

* DC cable is required for RPSII-V2 to deliver power to a compatible ResMed device.

** Air10 PSU 90W II and Air10 PSU adaptor are required to charge the RPSII-V2 battery.