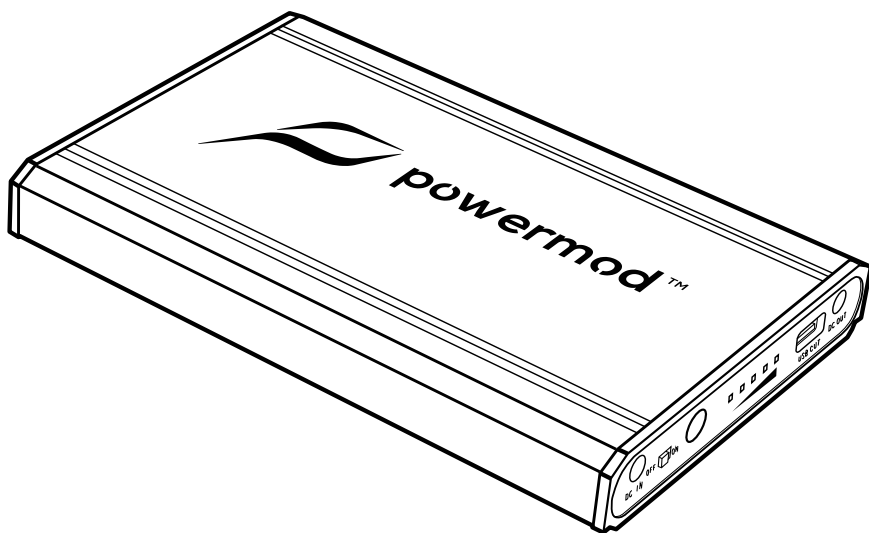




powermod™
POWER THROUGH

Operation Manual



BPCPAP12V-KT

12V CPAP & BPAP Battery Kit

BPCPAP24V-KT

24V CPAP & BPAP Battery Kit

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12V CPAP & BPAP BATTERY KIT

Package Contents: Powermod CPAP & BPAP Battery Kit

- 1) 1- 12V CPAP/BPAP Battery
- 2) 1- Output Cable for Respirationics M Series 12V
- 3) 1- Output Cable for Respirationics System One Series 12V
- 4) 1- Output Cable for Respirationics Dream Station Series 12V
- 5) 1- Output Cable for ResMed S8™ Series 12V
- 6) 1- Output Cable for DeVilbiss Intelli Pap Series 12V
- 7) 1- AC/DC Power Supply
- 8) 1- In-Vehicle Power Supply
- 9) 1- Carrying Case for Battery

Product Specifications:

Dimensions: Size: 7.5" x 4.88" x 0.88" (L x W x H)

Weight: 1lbs

Cell Type: Lithium-Ion

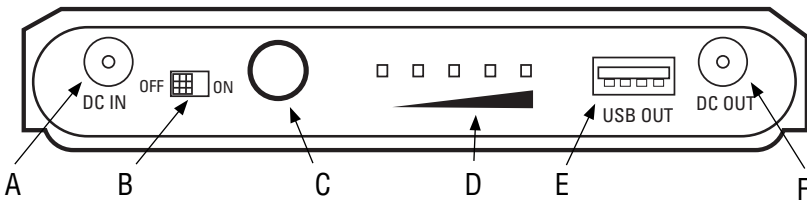
Capacity: 100Wh

Input: 13V/6.92A

Output: 12V/6.67A

USB: 5V/2A

Control Panel:



A) DC In Port

B) On/Off Switch

C) Power Level Button

D) Power Indication Meter

E) USB Out Port

F) DC Out Port

12V CPAP & BPAP BATTERY KIT

Intended Use:

The Powermod CPAP & BPAP Battery Kit is intended to be used with the following CPAP and BPAP models:

Respironics M Series 12V

Respironics System One Series 12V

Respironics Dream Station Series 12V

ResMed S8™ Series 12V

DeVilbiss IntelliPap Series 12V

Manufacturer is not responsible for damage done by the battery to any other device not listed above.

The additional USB port can be used to charge other electronic devices such as smartphones, tablets and music players. Please review instruction manual for specific devices to ensure that it is compatible with the 5V/2A output that is provided by the Powermod CPAP & BPAP Battery Kit.

Please note that this product may be used to power the CPAP and BPAP machines listed above while traveling via air. Please contact the airline that you will be traveling with to register your device and confirm that you are able to use the product inflight. Some restrictions may apply depending on the airline you are traveling with.

Before Use:

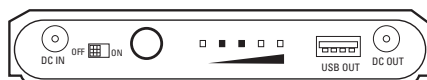
Before using the Powermod CPAP & BPAP Battery Kit you will need to fully charge the battery. Make sure that the on/off switch is turned to off. Plug in the AC/DC Power Supply included in the kit into the DC IN port on the battery. Then plug the AC/DC charger into the power outlet. Please note that it will take 3-4 hours to fully charge the battery pack. The battery pack is fully charged when all 4 LED lights are solid green. Note that after you fully charge the battery the first time, you may charge the battery with the On/Off switch in either the On or Off position.

Power Status:

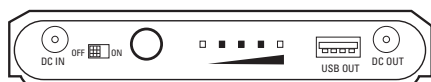
The LED display indicates the power level of the battery pack. To check the power level of the battery press the power level button. One solid green LED light means the battery is 25% charged, two solid green LED's means the battery is 50% charged, three solid green LED's means the battery is 75% charged and 4 solid green LED's means the battery is fully charged.



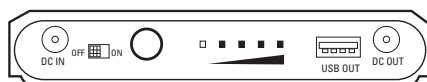
25% Charged



50% Charged



75% Charged



100% Charged

12V CPAP & BPAP BATTERY KIT

Low Power Alarm:

The battery pack has two different settings to indicate the battery is below 5% charge.

- 1.) The default setting is to have a loud beep sound when the battery is below 5% charge remaining.
- 2.) The second setting is to have the LED blink with no sound when the battery is below 5% charge remaining.

To switch modes:

- Turn the on/off switch to off.
- After the battery is off, then press and hold the power level button for about 4 seconds.
- If you hear the beep sound after 4 seconds, then the battery back is in the mode to sound the alarm.
- If you see the LED flash, then the battery back is in the mode to have the LED flash without sound.

Low Power Status:

The battery pack is set to go into low power mode if it is powered on and there is no current being drawn or if it is less than 5W being used.

When the battery pack is in low power mode, the red LED will flash once every 4 seconds.

Once the battery pack has entered low power mode it will not provide power to your CPAP or BPAP machine, but the USB output port will still provide power.

In order for the battery pack to start providing power again, you will need to turn the On/Off switch to Off and then back to On. This will trigger the battery to leave low power mode and provide power.

When the battery pack signals the lower power alarm, you can release the low power alarm sound by pressing the Power Level Button. This will stop the alarm from sounding. If you are in the LED alert mode, then the LED will continue to flash until the battery pack is charged or the On/Off switch is turned to the Off position.

USB Port:

The USB port can be used to charge other electronic devices such as smartphones, tablets and music players. Please review instruction manual for specific devices to ensure that it is compatible with the 5V/2A output that is provided by the Powermod CPAP & BPAP Battery Kit.

12V CPAP & BPAP BATTERY KIT

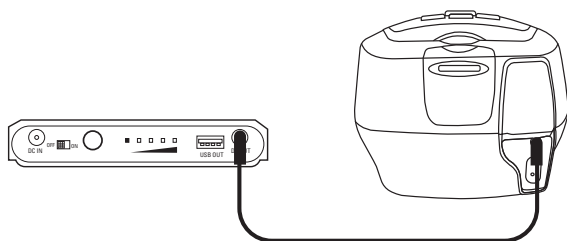
Using the Battery Pack:

The Powermod CPAP & BPAP Battery can be used as a portable power supply or as a backup power supply. Please see the instructions below for each method:

USING THE BATTERY AS A PORTABLE POWER SUPPLY:

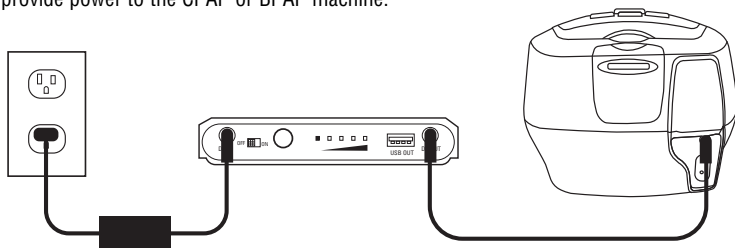
- 1.) Select the cable that is compatible to the CPAP or BPAP machine that you are using.
- 2.) Plug one end of the compatible cable into the DC Out port on the battery.
- 3.) Plug the other end of the compatible cable into your CPAP or BPAP machine.
- 4.) Once the cable is connected then turn the on/off switch to the on position on the battery pack.
The battery pack will now provide power to your CPAP or BPAP machine.
- 5.) Turn your CPAP or BPAP machine on and then use as directed by your physician.

Please note that using the heated humidifier will significantly reduce the run time of the battery pack. We suggest you disable the heated humidifier feature when using the battery pack as a portable power supply.



USING THE BATTERY AS A BACKUP POWER SUPPLY:

- 1.) Plug the AC/DC adapter included in the kit into the DC In port on the battery pack and then plug the AC/DC plug into an outlet.
- 2.) Select the cable that is compatible to the CPAP or BPAP machine that you are using.
- 3.) Plug one end of the compatible cable into the DC Out port on the battery.
- 4.) Plug the other end of the compatible cable into your CPAP or BPAP machine.
- 5.) Once the cable is connected then turn the on/off switch to the on position on the battery pack.
- 6.) Turn your CPAP or BPAP machine on and then use as directed by your physician.
In this mode, power will be passing through the battery pack to the CPAP or BPAP machine.
If there is a loss of power due to a power outage or other issue, then the battery pack will provide power to the CPAP or BPAP machine.



12V CPAP & BPAP BATTERY KIT

Using the Battery Pack (continued):

USING THE IN-VEHICLE POWER SUPPLY:

- 1.) Plug the In-Vehicle Power Supply into the DC In on the battery pack.
- 2.) Then plug the In-Vehicle Power Supply into the **12V** output in your vehicle.
Please refer to the charging instructions on page 4.

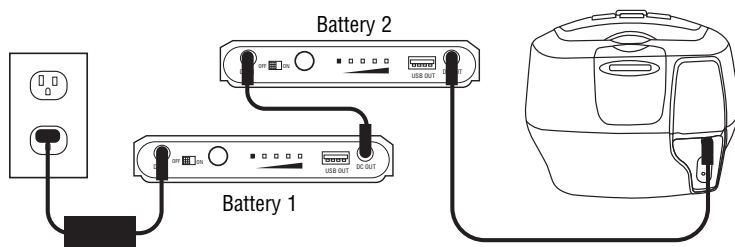
USING A SECOND BATTERY PACK:

A second battery pack can be used to increase the run time of your CPAP or BPAP machine.

In order to use a second battery, you must purchase an additional 12V battery pack and pigtail cable from Magnadyne. (Sold Separately).

- 1.) Plug one end of the pigtail into the DC Out of battery one.
- 2.) Plug the other end of the pigtail cable into the DC In of battery two.
- 3.) Switch both batteries on/off switch to the on position.
- 4.) See instruction for using the battery as a portable power supply and using the battery as a backup power supply for instructions on how to use the product.

Please note that you may want to set the Alarm Mode on battery one to be in LED Alarm mode when the batteries are connected otherwise when the battery has less than 5% power remaining it will start to sound the alarm even though there may be more than 5% power remaining in the second battery. You will need to set the alarm mode for each battery pack individually.



Warnings:

- Powermod CPAP & BPAP Battery Kit should be stored in a dry and cool place away from extreme heat or cold. DO NOT expose the battery to temperatures above 40°C/104°F or below -10°C/50°F as this could cause damage to the battery pack.
- Normal operating temperature for the battery pack is 0°C/32°F to 35°C/95°F.
- Charge battery pack immediately once it is fully discharged.
- Fully charge battery pack before storing and re-charge battery pack every 6 months.
- Only use the battery pack with the included chargers and cables.
- Only use the battery pack with the compatible CPAP and BPAP machines for which the cables are provided.
- Do not allow children to use the battery pack unsupervised.
- Do not open or tamper with the battery pack.
- Manufacturer is not responsible for damage done to the battery pack or any other device if used with any device not listed as being compatible in the manual or if the customer uses the product incorrectly.

24V CPAP & BPAP BATTERY KIT

Package Contents: Powermod CPAP & BPAP Battery Kit

- 1) 1- 24V CPAP/BPAP Battery
- 2) 1- Output Cable for ResMed AirSense™ 10 Series 24V
- 3) 1- Output Cable for ResMed S9™ Series 24V
- 4) 1- Output Cable for ResMed S8™ Series 24V
- 5) 1- AC/DC Power Supply
- 6) 1- In-Vehicle Power Supply
- 7) 1- Carrying Case for Battery

Product Specifications:

Dimensions: Size: 7.5" x 4.88" x 0.88" (L x W x H)

Weight: 1lbs

Cell Type: Lithium-Ion

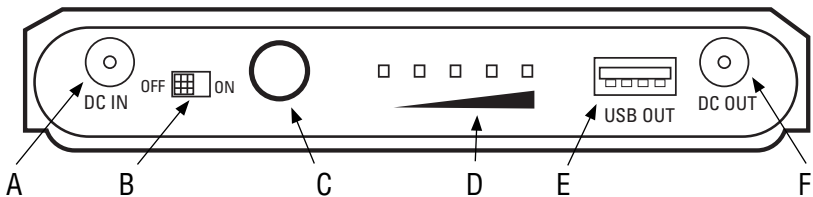
Capacity: 100Wh

Input: 24V/3.75A

Output: 24V/3.75A

USB: 5V/2A

Control Panel:



A) DC In Port

B) On/Off Switch

C) Power Level Button

D) Power Indication Meter

E) USB Out Port

F) DC Out Port

24V CPAP & BPAP BATTERY KIT

Intended Use:

The Powermod CPAP & BPAP Battery Kit is intended to be used with the following CPAP and BPAP models:

Output Cable for ResMed AirSense™ 10 Series 24V

Output Cable for ResMed S9™ Series 24V

Output Cable for ResMed S8™ Series 24V

Manufacturer is not responsible for damage done by the battery to any other device not listed above.

The additional USB port can be used to charge other electronic devices such as smartphones, tablets and music players. Please review instruction manual for specific devices to ensure that it is compatible with the 5V/2A output that is provided by the Powermod CPAP & BPAP Battery Kit.

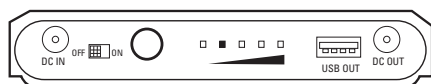
Please note that this product may be used to power the CPAP and BPAP machines listed above while traveling via air. Please contact the airline that you will be traveling with to register your device and confirm that you are able to use the product inflight. Some restrictions may apply depending on the airline you are traveling with.

Before Use:

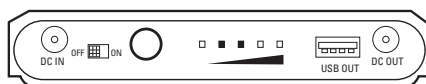
Before using the Powermod CPAP & BPAP Battery Kit you will need to fully charge the battery. Make sure that the on/off switch is turned to off. Plug in the AC/DC Power Supply included in the kit into the DC IN port on the battery. Then plug the AC/DC charger into the power outlet. Please note that it will take 3-4 hours to fully charge the battery pack. The battery pack is fully charged when all 4 LED lights are solid green. Note that after you fully charge the battery the first time, you may charge the battery with the On/Off switch in either the On or Off position.

Power Status:

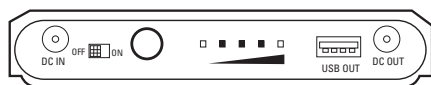
The LED display indicates the power level of the battery pack. To check the power level of the battery press the power level button. One solid green LED light means the battery is 25% charged, two solid green LED's means the battery is 50% charged, three solid green LED's means the battery is 75% charged and 4 solid green LED's means the battery is fully charged.



25% Charged



50% Charged



75% Charged



100% Charged

24V CPAP & BPAP BATTERY KIT

Low Power Alarm:

The battery pack has two different settings to indicate the battery is below 5% charge.

- 1.) The default setting is to have a loud beep sound when the battery is below 5% charge remaining.
- 2.) The second setting is to have the LED blink with no sound when the battery is below 5% charge remaining.

To switch modes:

- Turn the on/off switch to off.
- After the battery is off, then press and hold the power level button for about 4 seconds.
- If you hear the beep sound after 4 seconds, then the battery back is in the mode to sound the alarm.
- If you see the LED flash, then the battery back is in the mode to have the LED flash without sound.

Low Power Status:

The battery pack is set to go into low power mode if it is powered on and there is no current being drawn or if it is less than 5W being used.

When the battery pack is in low power mode, the red LED will flash once every 4 seconds.

Once the battery pack has entered low power mode it will not provide power to your CPAP or BPAP machine, but the USB output port will still provide power.

In order for the battery pack to start providing power again, you will need to turn the On/Off switch to Off and then back to On. This will trigger the battery to leave low power mode and provide power.

When the battery pack signals the lower power alarm, you can release the low power alarm sound by pressing the Power Level Button. This will stop the alarm from sounding. If you are in the LED alert mode, then the LED will continue to flash until the battery pack is charged or the On/Off switch is turned to the Off position.

USB Port:

The USB port can be used to charge other electronic devices such as smartphones, tablets and music players. Please review instruction manual for specific devices to ensure that it is compatible with the 5V/2A output that is provided by the Powermod CPAP & BPAP Battery Kit.

24V CPAP & BPAP BATTERY KIT

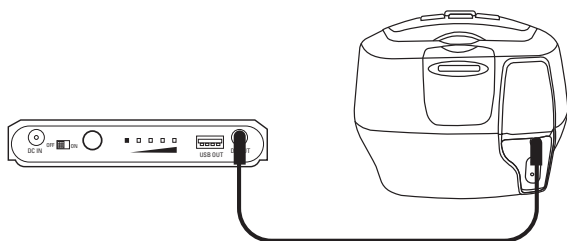
Using the Battery Pack:

The Powermod CPAP & BPAP Battery can be used as a portable power supply or as a backup power supply. Please see the instructions below for each method:

USING THE BATTERY AS A PORTABLE POWER SUPPLY:

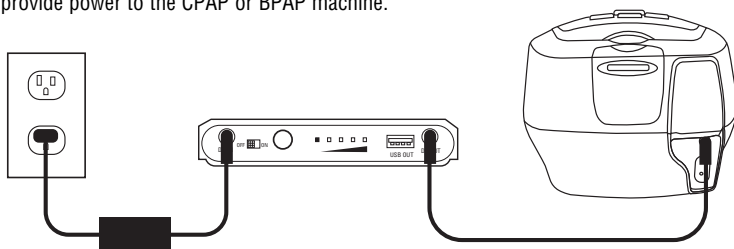
- 1.) Select the cable that is compatible to the CPAP or BPAP machine that you are using.
- 2.) Plug one end of the compatible cable into the DC Out port on the battery.
- 3.) Plug the other end of the compatible cable into your CPAP or BPAP machine.
- 4.) Once the cable is connected then turn the on/off switch to the on position on the battery pack.
The battery pack will now provide power to your CPAP or BPAP machine.
- 5.) Turn your CPAP or BPAP machine on and then use as directed by your physician.

Please note that using the heated humidifier will significantly reduce the run time of the battery pack. We suggest you disable the heated humidifier feature when using the battery pack as a portable power supply.



USING THE BATTERY AS A BACKUP POWER SUPPLY:

- 1.) Plug the AC/DC adapter included in the kit into the DC In port on the battery pack and then plug the AC/DC plug into an outlet.
- 2.) Select the cable that is compatible to the CPAP or BPAP machine that you are using.
- 3.) Plug one end of the compatible cable into the DC Out port on the battery.
- 4.) Plug the other end of the compatible cable into your CPAP or BPAP machine.
- 5.) Once the cable is connected then turn the on/off switch to the on position on the battery pack.
- 6.) Turn your CPAP or BPAP machine on and then use as directed by your physician.
In this mode, power will be passing through the battery pack to the CPAP or BPAP machine.
If there is a loss of power due to a power outage or other issue, then the battery pack will provide power to the CPAP or BPAP machine.



24V CPAP & BPAP BATTERY KIT

Using the Battery Pack (continued):

USING THE IN-VEHICLE POWER SUPPLY:

- 1.) Plug the In-Vehicle Power Supply into the DC In on the battery pack.
- 2.) Then plug the In-Vehicle Power Supply into the **12V** output in your vehicle.
Please note that the battery pack On/Off switch must be in the Off position when charging the In-Vehicle Power Supply. *Please see additional instructions on page 4.*

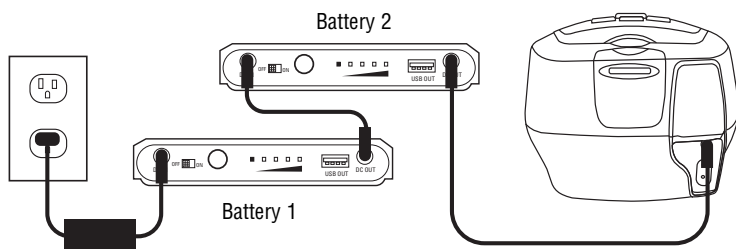
USING A SECOND BATTERY PACK:

A second battery pack can be used to increase the run time of your CPAP or BPAP machine.

In order to use a second battery, you must purchase an additional 24V battery pack and pigtail cable from Magnadyne. (Sold Separately).

- 1.) Plug one end of the pigtail into the DC Out of battery one.
- 2.) Plug the other end of the pigtail cable into the DC In of battery two.
- 3.) Switch both batteries on/off switch to the on position.
- 4.) See instruction for using the battery as a portable power supply and using the battery as a backup power supply for instructions on how to use the product.

Please note that you may want to set the Alarm Mode on battery one to be in LED Alarm mode when the batteries are connected otherwise when the battery has less than 5% power remaining it will start to sound the alarm even though there may be more than 5% power remaining in the second battery. You will need to set the alarm mode for each battery pack individually.



Warnings:

- Powermod CPAP & BPAP Battery Kit should be stored in a dry and cool place away from extreme heat or cold. DO NOT expose the battery to temperatures above 40°C/104°F or below -10°C/50°F as this could cause damage to the battery pack.
- Normal operating temperature for the battery pack is 0°C/32°F to 35°C/95°F.
- Charge battery pack immediately once it is fully discharged.
- Fully charge battery pack before storing and re-charge battery pack every 6 months.
- Only use the battery pack with the included chargers and cables.
- Only use the battery pack with the compatible CPAP and BPAP machines for which the cables are provided.
- Do not allow children to use the battery pack unsupervised.
- Do not open or tamper with the battery pack.
- Manufacturer is not responsible for damage done to the battery pack or any other device if used with any device not listed as being compatible in the manual or if the customer uses the product incorrectly.