

Power supplies for Peersonic BatWav PCM384



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The Peersonic BatWav can be used as a training tool or a lure.

The main difference is power supply.

As there are various customer requirements, Peersonic does not supply the power unit, also it can be difficult or expensive to ship battery units through the general postal system.

It is also possible for technically competent users to create their own battery packs, but it is up to them to decide upon battery chemistry and overall energy required.

Here are some guidelines therefore.

Voltage and Current:

The BatWav takes a varying current, but it is typically 300mA at 12V supply.

From this it is easy to deduce the energy level of a battery supply in relation to the deployment time required.

The BatWav power connector is a barrel connector of type ...

https://uk.farnell.com/lumberg/1614-09/chassis-socket-psu-500ma/dp/1243246?ost=1243246&ddkey=https%3Aen-GB%2FElement14_United_Kingdom%2Fsearch

The connection is positive at the centre pin. Supply can be 12V DC through to 18V DC maximum



positive
polarity

It should also work at lower voltages, according to component specifications 9V quite easily, but this will affect the overall power output at the speaker.

The following units have been tried and tested.

Battery packs:

<https://elwirecraft.co.uk/product/12v-rechargeable-li-ion-battery-1800mah-2800mah-5000mah-15ah-or-25ah-for-el-driver-led/>

[https://www.amazon.co.uk/TalentCell-Rechargeable-11000mAh-20000mAh-Portable/dp/B06Y5G3C8Z/ref=sr_1_3?](https://www.amazon.co.uk/TalentCell-Rechargeable-11000mAh-20000mAh-Portable/dp/B06Y5G3C8Z/ref=sr_1_3?keywords=12v+8300mah+lithium+ion+battery&qid=1560868770&s=gateway&sr=8-3)

[keywords=12v+8300mah+lithium+ion+battery&qid=1560868770&s=gateway&sr=8-3](https://www.amazon.co.uk/TalentCell-Rechargeable-11000mAh-20000mAh-Portable/dp/B06Y5G3C8Z/ref=sr_1_3?keywords=12v+8300mah+lithium+ion+battery&qid=1560868770&s=gateway&sr=8-3)

Mains power supplies:

12V -

<https://www.powersuppliesonline.co.uk/power-adapters/gst25a12-p1j-25w-12v-2-08a-power->

[adapter.html](#)

18V-

<https://www.powersuppliesonline.co.uk/power-adapters/gst25b18-p1j-25w-18v-1-38a-power-adapter.html>

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