

V'bee

User Manual

1 How to charge V'bee:

Use the attached Micro USB cable to charge V'bee by connecting it to a PC or Notebook's USB port. V'bee can also be charged by an external AC charger. You can use your iPhone's AC charger from Apple or any other AC power adapter which is included in delivery in most current Smartphones and tablets.



- 1 Micro USB Output, integrated cable
- 2 Power Level Indicator
- 3 Power Indicator
- 4 On/OFF Power Button
- 5 Micro USB Input 5V1.0A
- 6 USB Output 5V/2.1A
- 7 USB Output 5V/1A

2 How to use V'bee to charge other devices:

Taking a Samsung Smartphone as an example:

For charging a Samsung Smartphone, you can either use integrated charging cable or you choose our attached charging cable. For second charging option, plug the USB connector of the charging cable into one of V'bee's USB outputs and then plug the micro USB connector into your Samsung device.

Start the charging process by pressing the Power On Button. During charging, the Power LED will be on.



There are 2 USB Output channels you can use for charging your mobile devices.

The left channel outputs 2100mA max to support Apple's iPad and other 5V tablet computers (not suitable for 12V or 19V tablets).

The right channel outputs 1000mA and can be used for charging all kind of 5V USB devices like Smartphones, GPS devices, digital cameras etc.

To charge an iPhone or iPad, you can either use our Apple connector in combination with the attached micro USB cable or your original charging cable from Apple.

Note: The Lightning cable and 30 pin Apple charge cable is a proprietary standard only Apple manufacturers have the license to. Due to the licensing we are not able to produce or distribute these cables.

So please use the original Lightning Dock.

To charge a USB device with a different kind of connector (e.g. mini USB) we advice you to use your original connector cable.

V'bee can charge 3 devices at the same time.

Please do not forget to press the power button to start the charging process.



3 How to check V'bees power level on the go

V'bee has one power indicator and 3 power level indicators which enable you to check the remaining power conveniently. Power indicator will be on during discharge to show your device is successfully connected.

You can check the remaining power by pressing the power button:

1 LED flashing: remaining power is less than 10%

1 LED on: remaining power is between 10% and 30%

LED 1 and LED 2 on: remaining power is between 30% and 70%

LED 1, 2 and 3 on: remaining power is more than 70%

4 How to check V'bees power level during charging

Observe the LED light on unit to determine battery status.

LED 1,2 and 3 flashing: less than 30% energy

LED 1 on, LED 2 and 3 flashing: between 30% - 70% energy

LED 1 and 2 on, LED 3 flashing: more than 70% energy

LED 1,2 and 3 on: 100%, fully charged and ready to use

5 Declaration of Conformity

ZNEX Deutschland GmbH & Co. KG declares responsibility that the product **V'bee** conforms to the following Council Directive: **EMV 2004/108/EC**

Conformity with the requirements of this Directives is testified by complete adherence to the following standards:

EN 61000-6-1: 2007 | EN 61000-6-3: 2007 + A1: 2011

6 Important notes

Please recharge your V'bee immediately when the last LED is flashing, indicating very low power level.

V'bee can charge all kind of 5V USB devices. Please note that it is not suitable for devices with higher Voltage (e.g. 12V tablet computers). V'bee can not charge for example ASUS tablet transformer series, because they require 15V. Some device will need a special converter cable to properly charge i.e.: Samsung Galaxy Tab, Nexus, PSP Vita and some Nokia devices.

V'bee does not support “pass-through” charging at this time. This feature is being deactivated to avoid severely stress to the Li-Ion cells. Constant charging and discharging will have a negative impact on the battery and the overall lifespan of the V'bee. We advice you to charge V'bee first, before using it to charge other devices.

V'bee and all Lithium Ion batteries last longest when operating in mid state-of-charge of 20–80%.

V'bees working temperature range is between -10°C / 14°F – 60°C / 140°F. Do not expose V'bee temperatures higher than 40°C / 104°F.

Do not expose V'bee to fire or any other high temperatures.

Store your V'bee at 40% charge in a cool and dry place. Best storage temperature range is between -10° C / 14°F and 25°C / 77° F. Check power level every 2 months.

Do not store or use V'bee close to water, rain or in moisture to prevent short circuit.

Lithium-ion-batteries age. They have only a limited life and will wear out after a certain number of cycles. Their performance and capacity will reduce after 500 charging cycles.

They only last two or three years, even if they are sitting on a shelf unused. So do not “avoid using” the V'bee with the thought that your V'bee will last five or six years. It won't.

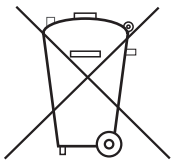
Lithium ion chemistry prefers partial discharge, no deep discharge; so it's best to avoid taking V'bee all the way down to zero. Since lithium-ion chemistry does not have a memory, you do not harm the battery pack with a partial discharge. If the voltage of a Li-Ion cell drops below a certain level, it's ruined.

We do not recommend storing the V'bee (or any other battery) over a long period of time without use. The battery cells will deteriorate when not in use. All batteries you store will constantly lose energy over time. If the stored batteries are completely discharged, certain negative detriments may occur, which include not starting up.

We recommend to charge and discharge our V'bee once or twice a month (minimum) to keep battery cells healthy. V'bee and other batteries should not be stored for long periods.

Never store V'bee in a fully discharged state and never leave V'bee standing for a long time fully discharged.

7 Recycling



This appliance is marked according to the European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE).

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. Ensuring this product is disposed of correctly will help prevent potential negative consequences for the environment and

human health which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact the local city office, household waste disposal service, or the source from which the product was purchased.

8 Environment and Battery

In accordance with the EU battery statutes, it is advisable to deal with depleted batteries and rechargeable batteries as follows:

V'bee includes rechargeable Lithium-Ionen batteries which lose capacity over time. Should the batteries no longer recharge (end-of-life), it is prohibited to dispose of them through household rubbish. Terminally depleted batteries may contain harmful substances, which may be toxic to humans and the environment. Therefore please return depleted batteries to battery banks, retailers or recycling yards. Returning is free of charge and in accord with EU regulations.

You can also return depleted V'bee batteries to us. Batteries and rechargeables are recycled to retrieve valuable raw materials. Battery recycling is the easiest thing in the world. Please help to preserve our planet.

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