

## Features:

- + Super high-capacity: 10,000 mAh / 74Wh
- + USB-A output port for charging devices (5V 2.1A)
- + Informative, on-board LCD display
- + 3 ways to charge
- + Includes a Micro-B charging cable.

## One Year Unconditional Warranty

If for any reason, this ProMaster product fails within ONE YEAR of the date of purchase, return this product to your ProMaster dealer and it will be exchanged for you at no charge. ProMaster products are guaranteed for ONE FULL YEAR against defects in workmanship and materials. If, at any time after one year, your ProMaster product fails under normal use, we invite you to return it to ProMaster for evaluation.

**Code 9117**  
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- \*Please note, you should only use one charging option at a time with the NP-F980PH.
1. Use any NP-F (L-series) compatible Li-ion battery charger with the NP-F980PH.
  2. Use a USB-C cable. Pry open the cover that reads "INPUT" on the side of the NP-F980PH. Connect a USB-C charging cable to the port identified as "Type-C". Connect the other end of the charging cable to a common USB charger with a minimum of 1A charging current.
  3. Use a USB Micro-B cable (included). Pry open the cover that reads "INPUT" on the side of the NP-F980PH. Connect a Micro-B type charging cable to the port identified as "micro". Connect the other end of the charging cable to a common USB charger with a minimum of 1A charging current.
- The NP-F980PH battery has the flexibility of accepting 3 different charging options.

## Charging

Thank you for your purchase of the ProMaster NP-F980PH Battery & Power Bank. Please refer to the diagram while reading these instructions thoroughly to understand and properly use this battery.

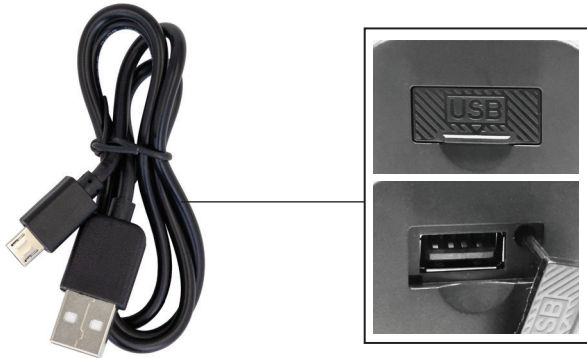


NP-F 980PH [ PowerHouse  
**Battery** ]  
& USB Power Bank



## Using as a Power Bank

In addition to working with NP-F compatible devices using its traditional battery contacts, the NP-F980PH can also work as a USB power bank through its USB-A output port. This is convenient for charging a phone, tablet, camera, or other device even when the battery is being used in a traditional fashion. To use this port simply pry away the cover that reads "USB" and connect a device to the exposed USB-A port.



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## The LCD Display

A convenient LCD display is located on the back of the NP-F980PH. This display will illuminate when a USB cable is connected to the battery's output port. You can also illuminate the LCD anytime by lightly pressing the round button located just below it.

Near the top of the display you will notice a voltage. This is the voltage of the battery at that moment. It can be anywhere in a range from 8.4V to 5.5V. All Li-ion batteries lose voltage as they are drained. So, while the NP-F980PH has a nominal voltage of 7.4V, its actual voltage will vary within a controlled range starting as high as 8.4V when it is fully charged.

Below the voltage is an icon of a battery with solid lines inside. As these lines disappear the battery's capacity is being drained and you can see approximately how much is left. During charging by use of a USB cable, these lines will show the capacity it has charged to thus-far. As it charges the top line at the current status will blink to show a charging state. Also, the word "IN" will appear in the LCD when charging is done by a USB cable.

When a USB device is connected to the NP-F980's USB-A output port a "USB OUT" symbol will appear in the LCD to show it is providing charge current through that port.

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## Tips for Use

1. Only use one charging method at a time. Attempting to use more than one charging method simultaneously will damage the battery permanently.
2. Some devices, like LED lights, require more voltage and higher power to operate than others such as charging a phone. As the NP-F980's capacity status drops to just one bar in the LCD display it may not have enough power remaining to operate a high-drain device such as an LED light. However, it may still have enough power for a low-drain device such as charging a phone.
3. All Li-ion batteries experience a change in voltage as they drain. The NP-F980PH's nominal voltage is rated at 7.4V. However, it can operate within a range of 8.4V to 5.5V. It will typically show "8.4V" in the LCD when fully charged and that number will decrease as it is drained.
4. All airlines have maximum capacities for Li-ion batteries which can be taken onto a plane. At 74Wh, the NP-F980PH is a very high capacity battery yet it falls below the current restrictions in most cases. Please be sure to check with your airline's most current battery restrictions before traveling with the NP-F980PH. Also, be aware the restriction may be different for domestic flights vs. international.
5. Never attempt to open the NP-H980PH and do not expose it to extremely high heat (such as a car dashboard on a sunny day) or fire. These things can be very dangerous and may damage the battery and can cause physical harm to anyone nearby.
6. When the NP-F980PH has reached the end of its usable life, please be responsible and recycle it properly. Do not toss it into the trash and into a landfill.

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