

How to create a battery usage chart on Windows 10

Windows 10 supports a small but quite useful feature that helps you know the status of your laptop battery continuously over time, which is to create a battery usage graph.

Although traditional desktops are still an important part of the Windows ecosystem, users are tending to switch to high-mobility devices for flexible usability, while still ensure enough performance, even redundant in many situations. On such devices, the battery is one of the especially important factors, sometimes even more than the performance of the system. A laptop will not be able to carry the true meaning of a laptop if the battery is too weak.

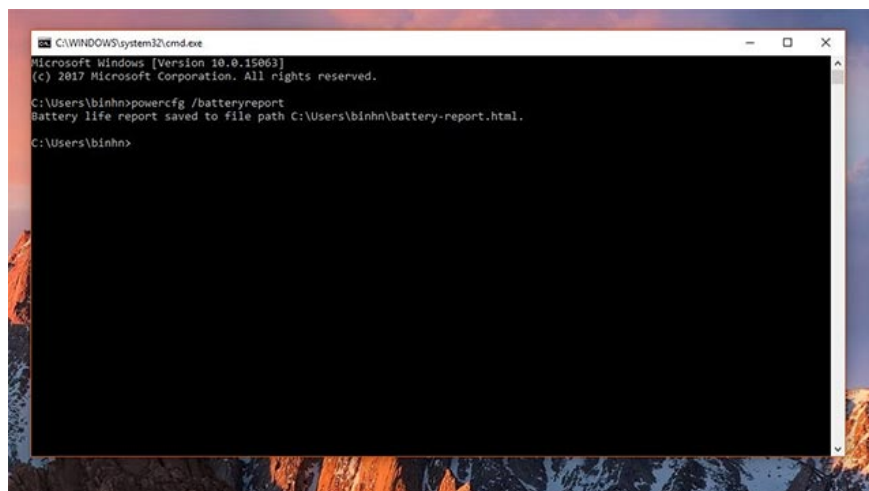
Effective battery management is also important. If you do this well, the battery will last longer, which can serve you longer. Windows 10 supports a small but quite useful feature that helps you know the status of your laptop battery continuously over time, which is to create a battery usage graph.

Basically, the battery usage chart allows you to capture continuous information about the state of the battery and thereby adjust usage accordingly. However this chart will not be available that you must activate by command.

First, you need to log into your Windows 10 device with an administrator account (admin) launch cmd.exe with administrator rights (via the Start menu) and then enter the following command:

```
powercfg /batteryreport
```

It will take a few seconds for Windows to execute the command, but do not rush to close the cmd window as the whole process can take up to a minute in some specific cases. And then create reports using HTML format that you can launch in any browser. As soon as the command is successfully executed, the system will generate an HTML format report that you can open in any web browser tool.



HTML file path

This HTML file, called System Power Report, is not automatically launched, but your command line utility will only display the link to it (usually: ' **Battery life report saved to C: Userbattery-report.html** '). In other words, you need to perform the entire process manually, which is to copy the path of the HTML file and open it in the web browser.

The System Power Report contains a set of essential information regarding the state of the battery on your laptop, including the usage graph shown quite visually.

Battery report

COMPUTER NAME	DESKTOP-VRJ10PK
SYSTEM PRODUCT NAME	ASUSTeK COMPUTER INC. X450CC
BIOS	X450CC.206 08/01/2013
OS BUILD	15063.0.amd64fre.rs2_release.170317-1834
PLATFORM ROLE	Mobile
CONNECTED STANDBY	Not supported
REPORT TIME	2017-06-28 10:36:21

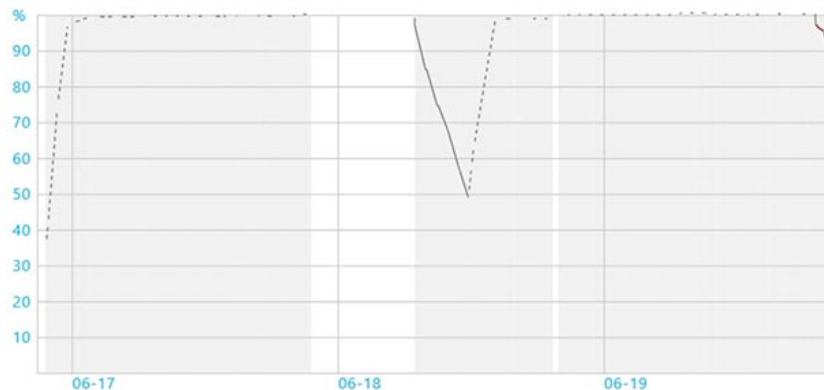
Installed batteries

Information about each currently installed battery

	BATTERY 1
NAME	X550A30
MANUFACTURER	ASUSTeK
SERIAL NUMBER	-
CHEMISTRY	LiIon
DESIGN CAPACITY	44,250 mWh
FULL CHARGE CAPACITY	10,740 mWh
CYCLE COUNT	435

System Power State Transitions

Battery drains over the last 3 days



This is a useful feature, but still relatively 'sketchy'. Hopefully in the new updates, Microsoft will make it a default feature that can be easily activated and used on Windows 10.

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