SOLAR PRO. Battery query code

What is a request for battery status?

Requests for battery status can be for immediate return or can be set to wait for a particular condition before completing. For example, a request for battery information can be made that waits until the battery capacity reaches a specified point or the battery state changes.

What does ioctl_battery_query_tag mean?

This indicates to the caller that the battery associated with the tag longer exists. The caller may opt to use the IOCTL_BATTERY_QUERY_TAG operation to determine the tag of the newly installed battery, if one exists. (See Battery Tags for more information.) When a query information request is made, this value is verified.

What is battery_reporting_scale?

A variable-length arrayof BATTERY_REPORTING_SCALE structures that contains the reporting granularity for the battery capacity that is returned from IOCTL_BATTERY_QUERY_STATUS. Multiple entries are returned when the granularity depends on the present capacity of the battery.

What does battery_unknown_time mean?

If the estimated time is unknown(for example,the battery is not discharging and AtRate is zero),BATTERY_UNKNOWN_TIME is returned. Note that this value is not very accurate on some battery systems. The value may vary widely depending on present power usage,which could be affected by disk activity and other factors.

Is there a notification mechanism for changes in battery_reporting_scale granularity?

There is no notification mechanismfor changes in this value. A variable-length array of BATTERY_REPORTING_SCALE structures that contains the reporting granularity for the battery capacity that is returned from IOCTL_BATTERY_QUERY_STATUS. Multiple entries are returned when the granularity depends on the present capacity of the battery.

What is enumerating battery devices in DeviceIoControl?

This is used to ensure that the returned battery information matches that of the requested battery. For the implications of overlapped I/O on this operation, see the Remarks section of the DeviceIoControl topic. For an example, see Enumerating Battery Devices. Retrieves the current status of the battery.

IOCTL_BATTERY_QUERY_INFORMATION control code Retrieves a variety of information for the battery. To perform this operation, call the DeviceIoControl function with the ...

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I recently purchased a Lumintop AA 2.0 UV, it came with a Lumintop 14500 onboard charging capable battery. I have a couple of questions re this battery. Can this type of battery - onboard ...

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Great implementation of the BATTERY_INFORMATION and BATTERY_STATUS structures. It was the only method I have seen that actually returns the battery's cycle count ...

And the alternator is also connected to and recharges the battery. Even though it's connected to the battery, it doesn't draw power from the battery, but it recharges it. Therefore, you don't have a power circuit from the battery to ...

Can I have a quick vote for and against this model as being both good and pretty stable 2nd plane trainer - only mods i intend (want it to fly as slow as possible) is ...

You can input your postal code or zip code into the above-mentioned web portal and find out whether there is a Champion shop around you or not. ... Battery Query is a ...

We provide product anti-counterfeiting query function, input product anti-counterfeiting code can be queried. The query results can see the "official product" and factory date information. ...

???? ?????; BatteryDeviceName: ? Null??? Unicode ??,??????: BatteryEstimatedTime: ULONG,????????????????? ...

You could use WMI and the Win32_Battery class. It has a property called Chemistry that has this information. UPDATE: Actually, there is also Win32_PortableBattery, ...

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Web: https://oko-pruszkow.pl