

# Manage Optimal Battery Health, EmHealthReport



Point Mobile provides a solution for managing optimal battery health for your smooth operational productivity. The solution is 'EmHealthReport'.

EmHealthReport delivers battery asset information and battery health-related information so that you will be able to see the matrix of this battery-related information for optional battery health.

Check the EmHealthReport features below.

## APPLIES TO

- Point Mobile devices with
  - Android 7 (PM550)
  - Android 8 and higher

## Execute EmHealthReport

Go to  EmKit >  EmHealthReport

### Preinstalled vs Standalone by Android version

- From Android 9: EmHealthReport is preinstalled on the device.
- Android 8 or lower: You should install EmHealthReport individually. Download the apk file from each model's download page in [Service Portal](#).

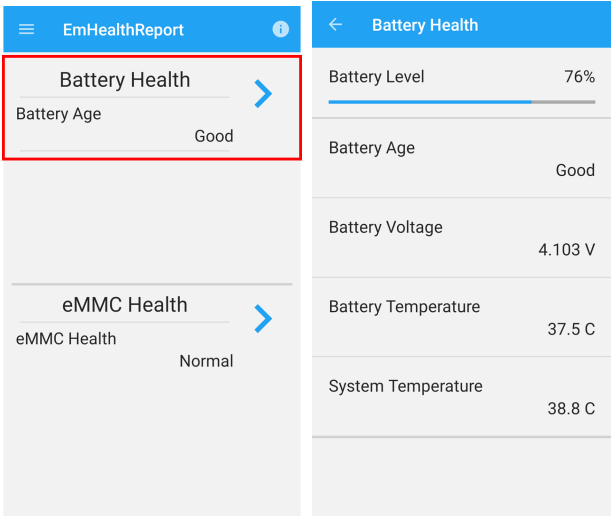
## EmHealthReport Features

The following is a list of features that Battery Management application, EmHealthReport releases the capabilities.

Feature		Description
Battery Asset Information	Battery Manufacturer Date	Date when the battery was manufactured
	Battery Serial Number	Point Mobile battery's unique serial number
Battery Health-related Information	Battery Level	Remaining battery capacity expressed as a percentage of battery power
	Battery Age	Indicating state of battery age data to determine when it should be replaced
	Battery Voltage	Indicating battery voltage as measured at the time of query
eMMC Health-related Information	Battery Temperature	Indicating battery temperature as measured at the time of query
	Pre-EOL Information	Indicating status of eMMC health data
	Device life time estimation type A	Indicating estimated used percentage of eMMC
	Device life time estimation type B	

# How to find the battery information?

Tap **Battery Health** and find the information about battery health.



## Battery & eMMC Indication

### <Battery Age>

Displays the device's battery age information. (Not supported in PM30)

The battery age is determined by the system using the following indexes.

- BR (Battery Replacement index)
- Remaining life
- Cycle count

Status	Description
Good	All battery age-related values do not reach the warning or bad level criteria.
Warning	One or more index values reach the warning level criteria. <b>Recommended replacing the battery.</b> <ul style="list-style-type: none"><li>• BR &amp; Remaining life: Bad level criteria &lt;= Current value &lt; Warning level criteria</li><li>• Cycle count: Warning level criteria &lt;= Current value &lt; Bad level criteria</li></ul>
Bad	One or more index values reach the bad level criteria. <b>Must replace the battery immediately.</b> <ul style="list-style-type: none"><li>• BR &amp; Remaining life: Current value &lt; Bad level criteria</li><li>• Cycle count: Bad level criteria &lt;= Current value</li></ul>
Status	Description
Good	Battery status is good as the number of battery charging cycles is under 400.
Dismission	Battery is required to replace as the number of battery charging cycles is above 400.

You can set the criteria using provisioning profile (Scan2Stage, PMDM).

The default criteria values are as follows.

You can determine when to replace the battery according to index criteria. The default values are as below.

	Remaining life	Cycle count	Battery Replacement Index
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Warning Level (Recommended to replace)	Under 85	Above 250	Under 85
Bad Level (Must replace)	Under 80	Above 300	Under 80

#### <eMMC Health>

This indicates the status of eMMC health data. The health types are as follows.

Status	Description
Normal	eMMC is healthy
Warning	80% of eMMC's available blocks are in use
Dead	90% of eMMC's available blocks are in use
Unknown	Cannot detect the eMMC information



#### RELATED ARTICLES

- [Direct Clone](#)
- [Screen Lock on EmKiosk](#)
- [How to run EmKitAgent in the background](#)
- [How to Install & Update App with Scan2Stage](#)
- [Web.Exception Occurs on Scan2Stage](#)