

# Status Code: Basic View

Rev. DRAFT 4 ©2018 Lithionics Battery

Round Display Pod showing Status Code on the bottom line



Status Code Reader app



**Description:** The Status Code shows the live status of the BMS and can be very useful to confirm healthy operation of a system or to help diagnose issues with technical support.

1. The Status Code is always **RXXXXXX** where **X** is 0-9, A-F. The Status Code is viewed via the Round Display Pod (see example above).

2. Press either white button, scrolling through the LCD display lines until the “RXXXXXX” value is listed. Report this value to the dealer you purchased the lithium ion battery system from for diagnosis support.

Lithionics Battery created the Status Code Reader App to automatically convert the Status Code into readable information. Advanced users may opt to download the Status Code Reader App themselves. The Status Code Reader App is currently available for Android 4.0 and newer and Windows XP and newer and can be downloaded from our website at the following link: <http://lithionicsbattery.com/user-guides/>

When status code is entered into the App, it highlights active states of the BMS color coded in green and red colors. Green states are informational and don’t require any actions. Red states are alerting the customer to take immediate action, such as charge the battery or prevent overheating of the battery, etc. Table below shows examples of such alarm states.

<b>Low Voltage State</b>	Battery is severely discharged and must be charged immediately to prevent damage
<b>Reserve Range</b>	Battery is low and should be charged very soon
<b>High Temp State</b>	Battery has overheated and should be cooled down
<b>Low Temp State</b>	Battery is too cold and should be warmed up
<b>High Voltage State</b>	Battery charge voltage is too high, check your charging equipment for potential problems
<b>Temp Sensor Error</b>	Temperature sensor connection is broken, check for wiring problems at the battery module
<b>Battery Protection</b>	Battery protection event has been triggered, contact your dealer for support
<b>OptoLoop Open</b>	Battery monitoring connection indicates trouble at the module, contact your dealer for support