**Battery Status Bit Information**

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| **Battery Status 1 (D17) - Sever Alarm** |  |  |
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| #define fSOC\_Stop | bbBatterySt1.bit7 | SOC Too Low |
| #define fTempSevereH | bbBatterySt1.bit6 | Temperature too high |
| #define fCurSevereH | bbBatterySt1.bit5 | Current Too High |
| #define fCellVoltSevereL | bbBatterySt1.bit4 | Cell Voltage Too Low |
| #define fCellVoltSevereH | bbBatterySt1.bit3 | Cell Voltage Too High |
| #define fVoltSevereL | bbBatterySt1.bit2 | Total Voltage Too Low |
| #define fVoltSevereH | bbBatterySt1.bit1 | Total Voltage Too High |
| #define fTempSevereL | bbBatterySt1.bit0 | Temperature Too Low |
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| **Battery Status 2 (D23) - Normal Alarm** | |  |
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| #define fSOCAlarmL | bbBatterySt2.bit7 | SOC Too Low |
| #define fTempAlarmH | bbBatterySt2.bit6 | Temperature too high |
| #define fCurAlarmH | bbBatterySt2.bit5 | Current Too High |
| #define fCellVoltAlarmL | bbBatterySt2.bit4 | Cell Voltage Too Low |
| #define fCellVoltAlarmH | bbBatterySt2.bit3 | Cell Voltage Too High |
| #define fVoltAlarmL | bbBatterySt2.bit2 | Total Voltage Too Low |
| #define fVoltAlarmH | bbBatterySt2.bit1 | Total Voltage Too High |
| #define fTempAlarmL | bbBatterySt2.bit0 | Temperature Too Low |
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| **Battery Status 3 (D45) - Sever Alarm** |  |  |
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| #define fNoMatchSevere | bbBatterySt3.bit7 | Cell Voltage Not Balanced |
| #define fTempImbalSevere | bbBatterySt3.bit6 | Temperature Difference |
| #define fInsulationSevere | bbBatterySt3.bit1 | Current Leaking. Insulation Alarm |
| #define fBMSErr | bbBatterySt3.bit0 | System Error |
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| **Battery Status 4 (D50) - Normal Alarm** | |  |
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| #define fNoMatch | bbBatterySt4.bit7 | Cell Voltage Not balance |
| #define fTempImbalAlarm | bbBatterySt4.bit6 | Temperature Difference |
| #define fInvalidTemp | bbBatterySt4.bit5 | Invalid Temperature |
| #define fInvalidVolt | bbBatterySt4.bit4 | Invalid Voltage //update on 2012-07-16 |
| #define fSOCAlarmH | bbBatterySt4.bit3 | SOC Too High |
| #define fBalanceErr | bbBatterySt4.bit2 | Balancing Error |
| #define fInsulationAlarm | bbBatterySt4.bit1 | Current Leaking. Insulation Alarm |
| #define fBMSErr | bbBatterySt4.bit0 | System Error |