**Error Lookup Table**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| First Character | | | Second Character | | | | |
| Err. Code | Overcurrent Out | Undercurrent In (warning) | Err. Code | Temp. | Overvoltage | Undervoltage | Overcurrent In |
| 0 |  |  | 0 |  |  |  |  |
| 1 | ✓ |  | 1 | ✓ |  |  |  |
| 2 |  | ✓ | 2 |  | ✓ |  |  |
| 3 | ✓ | ✓ | 3 | ✓ | ✓ |  |  |
|  |  |  | 4 |  |  | ✓ |  |
|  |  |  | 5 | ✓ |  | ✓ |  |
|  |  |  | 6 |  | ✓ | ✓ |  |
|  |  |  | 7 | ✓ | ✓ | ✓ |  |
|  |  |  | 8 |  |  |  | ✓ |
|  |  |  | 9 | ✓ |  |  | ✓ |
|  |  |  | a |  | ✓ |  | ✓ |
|  |  |  | b | ✓ | ✓ |  | ✓ |
|  |  |  | c |  |  | ✓ | ✓ |
|  |  |  | b | ✓ |  | ✓ | ✓ |
|  |  |  | e |  | ✓ | ✓ | ✓ |
|  |  |  | f | ✓ | ✓ | ✓ | ✓ |

#define TEMP\_ERROR\_H 1

#define UNDERVOLTAGE\_ERROR\_H 2

#define TEMP\_ERROR\_L 3

#define OVERCURRENT\_OUT\_ERROR\_H 4

#define OVERCURRENT\_OUT\_ERROR\_L 5

#define UNDERVOLTAGE\_ERROR\_L 6

#define CHARGE\_ERROR 7