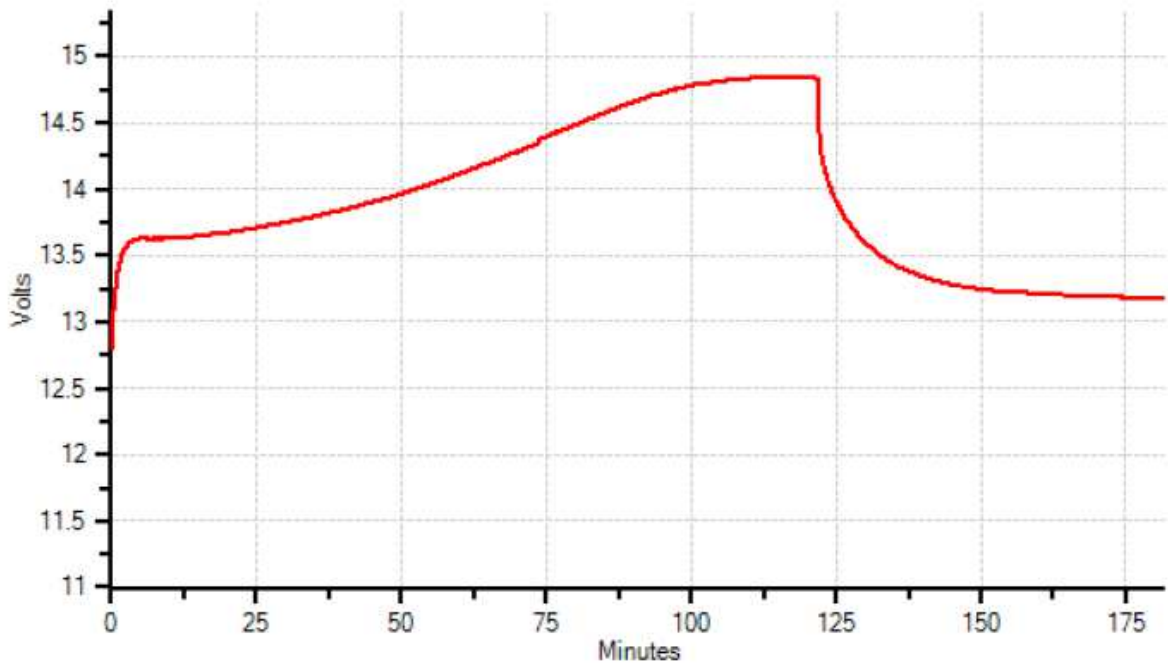


Attachment 2: Charge graph 12Ah AGM battery

| | | | |
|--|--|-------------|------|
| Test ID | 230701 CM | | |
| Date | 2023-07-01 | | |
| Temp | C | - | |
| Rel. humidity | % | - | |
| Time start | 10.12 | | |
| Input | | | |
| Source | PSU - 1 | | |
| Voltage | V | | |
| amp draw @ x min | | | |
| count | 1 | A | 1.41 |
| 1 | 5 | A | 1.38 |
| 2 | 10 | A | 1.37 |
| 3 | 15 | A | 1.37 |
| 4 | 20 | A | 1.36 |
| 5 | 25 | A | 1.36 |
| 6 | 30 | A | 1.35 |
| 7 | 35 | A | 1.34 |
| 8 | 40 | A | 1.34 |
| 9 | 45 | A | 1.33 |
| 10 | 50 | A | 1.32 |
| 11 | 55 | A | 1.31 |
| 12 | 60 | A | 1.3 |
| 13 | 65 | A | 1.29 |
| 14 | 70 | A | 1.27 |
| 15 | 75 | A | 1.26 |
| 16 | 80 | A | 1.25 |
| 17 | 85 | A | 1.23 |
| 18 | 90 | A | 1.22 |
| 19 | 95 | A | 1.21 |
| 20 | 100 | A | 1.21 |
| 21 | 105 | A | 1.2 |
| 22 | 110 | A | 1.2 |
| 23 | 115 | A | 1.2 |
| 24 | 120 | A | 1.2 |
| Output | | | |
| Battery | X1 (AGM/12Ah) | | |
| Battery voltage @ rest before start | V | 12.8 | |
| Battery target voltage = stop test voltage | V | 14.84 | |
| Battery voltage after 1h of rest | V | 13.17 | |
| Stop time CBA | min | 112 | |
| | - | 1H 52min | |
| Stop time CBA (clock) | - | 12.06 | |
| Amp draw @ +/-60% (=rough av. Amp draw) | A | 1.29 | |
| Rough Ah to charge to target voltage | Ah | 2.41 | |
| Rough COP (Ah) | - | 0.42 | |
| Amp average calculated | A | 1.29 | |
| Ah to charge to target voltage | Ah | 2.42 | |
| Rough COP (Ah) | - | 0.41 | |
| Comments | First SSC charge cycle with this AGM battery. After 14.84V the voltage started to sink again, so stopped shortly after 14.83V. Took 14.84V as charged value. | | |

West Mountain Radio - CBA

2023-07-01 - 10.12 - 230701.0 CM - X1 AGM 12AH: 6 AGM cells Charge Monitor



2023-07-01 - 10.12 - 230701.0 CM - X1 AGM 12AH:

Description: 6 AGM cells Charge Monitor

Started At: 7/1/2023 10:12 AM

Starting Voltage: 12.80 V

Ending Voltage: 13.17 V

Total Time (hh:mm:ss): 03:01:56