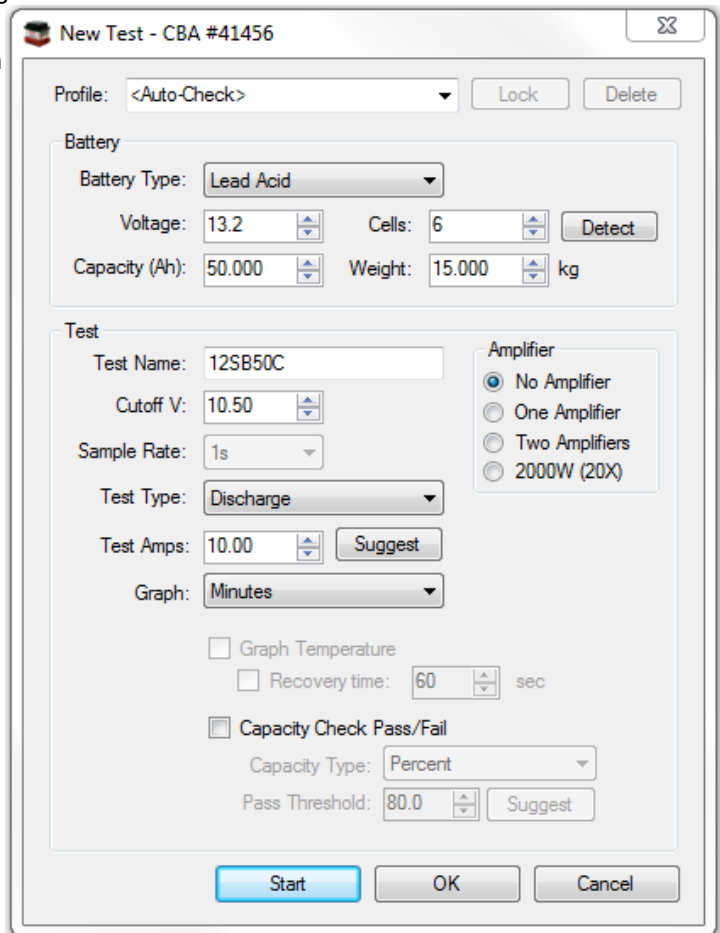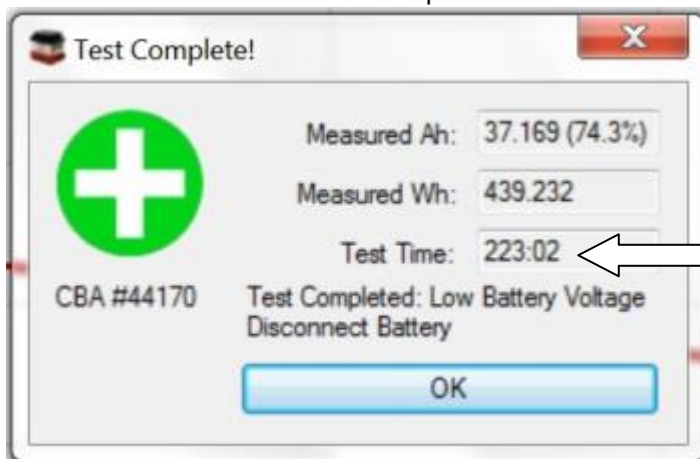# Testing Steps with West Mountain Radio CBAIV 150W

1. Fully charge 12V AGM/GEL SLA battery

2. Start software with double click icon

3. Connect the SLA battery to CBAIV with correct polarity.

4. Click new test button ⬛ on the top right corner.

5. Input settings as the example shown

New Test - CBA #41456

Profile: <Auto-Check>   Lock   Delete

Battery
Battery Type: Lead Acid
Voltage: 13.2   Cells: 6   Detect
Capacity (Ah): 50.000   Weight: 15.000 kg

Test
Test Name: 12SB50C
Cutoff V: 10.50
Sample Rate: 1s
Test Type: Discharge
Test Amps: 10.00   Suggest
Graph: Minutes

Amplifier
◉ No Amplifier
○ One Amplifier
○ Two Amplifiers
○ 2000W (20X)

☐ Graph Temperature
☐ Recovery time: 60 sec
☐ Capacity Check Pass/Fail
Capacity Type: Percent
Pass Threshold: 80.0   Suggest

Start   OK   Cancel

6. Click button 'Start' to run test.

7. After test finishes, compare test time with the corresponding figure in the "Discharge Time Table" attached. If it is equal or higher than that in the table, the result is 'Pass'. Otherwise the result is 'Fail'. Please see the example below.

Test Complete!

Measured Ah: 37.169 (74.3%)
Measured Wh: 439.232
Test Time: 223:02

CBA #44170   Test Completed: Low Battery Voltage Disconnect Battery

OK

6 month old battery pass test as Test time is higher than 204 minutes in the Time table.