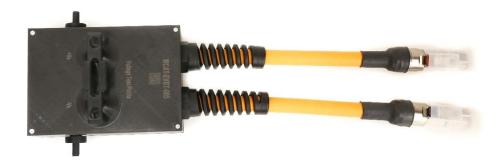
W-CAT-EVBT-005 Electric Vehicle Battery Test Box 70mm²

User Instructions

The W-CAT-EVBT-005 has been designed to connect to a specific 300 VDC electric vehicle battery and enable a user to conduct a number of electrical tests.



The W-CAT-EVBT-005 consists of:

- Main Test Box housing a number of test points for a voltage test and Insulation test;
- 70mm² connectors; PL18W-301-70 (+Ve) and PL18Y-301-70 (-Ve);
- Blanking plugs for each voltage test point and insulation test point.

Conducting electrical tests:

Before starting, ensure all blanking plugs are fitted to the test box and place on a flat surface. Then connect the EV connectors to the battery connection points.

Voltage Test:



- 1. Remove the voltage test point blanking plugs.
- 2. Noting the correct polarity insert the voltage tester probe tips in to the voltage test points until you feel the tips reach the internal test points.
- 3. Conduct the voltage test using the voltage tester.
- 4. Once the voltage test is complete, remove the probe tips and replace blanking plugs.

Insulation Test:







- 1. Remove the tip cover from the insulation test probe so that it exposes the 4mm banana lantern tip.
- 2. Remove the +Ve insulation Test Point blanking plug.
- 3. Insert the insulation test probe lantern tip into the +Ve Insulation Test Point.
- 4. Conduct the +Ve Insulation Test.
- 5. Once the test is complete, remove the test probe and replace the blanking plug.
- 6. Remove the -Ve Insulation Test Point blanking plug.
- 7. Insert the insulation test probe lantern tip into the +Ve Insulation Test Point.
- 8. Conduct the -Ve Insulation Test.
- 9. Once the test is complete, remove the test probe and replace the blanking plug.