

Electric Vehicle High-voltage Electrical Performance Comprehensive Tester



EVTS 150C06

- ISO 21498-2:2021
- LV 123,2009-11
- VW 80300:2021-02
- MBN 11123 2019-10

— Features

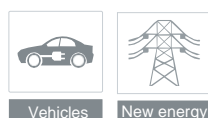
- > Voltage slope control greater than 250V/ms;
- > Meet the latest ISO 21498-2:2021, VW 80300: 2021-02 Standard Test Items;
- > Can simulate various complex electrical environments of high-voltage components of new energy vehicles in practical application scenarios;
- > Test scheduling function;
- > Supports DC 0V~1500V voltage output, waveform output can be edited freely, bidirectional power supply.

— Introduction

The high-voltage electrical performance testing system for electric vehicles is suitable for testing high-voltage components of new energy vehicles within the voltage range of DC 60V to 1500V. A series of electrical characteristic tests can be conducted to verify the electrical parameters and safety of high-voltage components such as the HV battery system, DC/DC converter HV/LV, onboard charger, and air conditioning compressor.

The EVTS 150C06 electric vehicle high-voltage electrical performance comprehensive tester supports DC 0V~1500V voltage output, with voltage slope control greater than 250V/ms, and can complete ISO 21498-2:2021 testing projects. It can also meet the testing requirements of LV 123 and VW 80300:2021, and has strong system scalability.

— Application Areas



Technical Parameters

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|--------------------------------------|--|
| Maximum DC Voltage | 1500 V DC |
| Maximum Current | 60 A |
| maximum Power | 30 KW |
| Overvoltage Protection Range | 0 ~ 1650 V |
| Overcurrent Protection Range | 0 ~ 66 A |
| Overpower Protection Range | 0 ~ 33 KW |
| Voltage Range | 0 ~ 1500 V |
| Wave Form | Sine wave, triangular wave, slope wave |
| Changes In Amplitude and Position | Static, linear |
| Maximum Number of Supported Segments | One hundred |
| Input/output Ports | 100A solid terminal |
| Chassis Size | 900 * 600 * 1250 mm (L * W * H) |
| Instrument Weight | 162 Kg (with power supply) |

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