RJ6970D DC charging pile interoperability tester

Product Description

DC charging pile interoperability tester can simulate the working conditions and parameters of normal state and fault state of electric vehicles, control and monitor the operation data of the whole charging process. It can match and diagnose the whole set of charging behavior of DC charging pile in the charging process. This product can provide an independent way for DC charging pile researchers, experimental testing units, product manufacturers, on-site installation and maintenance personnel to diagnose, test and verify the function and compliance of DC charging products with relevant standards.

Key Features

- The DC charging pile interoperability tester adopts the standard5Umodular design, integrating the vehicle interface circuit simulation module, the CAN telegram collection module, the battery voltage simulation module, charging pile metering module, BMS simulation module, and embedded controller and other function modules;
- The equipment is equipped with standard charging gun sockets and meets the requirements specified in the GB/T 20234.3 standard;
- Design vehicle charging interface circuit fault simulation with loop fault simulation;
- Design standard parameter acquisition interface, which can realize the external acquisition function of each circuit signal;
- The equipment is equipped with CAN communication simulation module. It can simulate the vehicle BMS and edit a variety of vehicle conditions to test the charging pile of a variety of corresponding state;

- The equipment is equipped with the CAN communication message acquisition module, which can realize the synchronous acquisition of CAN bus messages and data parameters such as voltage, current, etc.;
- The charging pile interoperability tester with special host computer software, real-time operation simulation vehicle and charging pile communication, realize the vehicle charging low-voltage auxiliary power and charging handshake stage, parameter configuration stage, charging stage, charging stage, charging the end of the stage of the four stages of the message information interaction state.

Specification

Model	RJ6970D	
Voltage Range	0~1000VDC	
Current range	0~2.5A (can be customized to be compatible with external loads up to 250A)	
Communication Interface	RS232 (Optional: RS485)	
Operating Environment	0℃~40℃,20%RH~75%RH	
Display mode	5.6-inch LCD display	
Heat Dissipation	Forced air cooling	
Power supply	AC 220V，50/60Hz	
Upper computer machine	Optional	
External Dimension	442mm×223mm×490mm(W×H×D)	
Net weight	22kg	
Reference Standard	GB/T20234.3 GB/T18487.1 GB/T27930 GB/T34657 GB/T34658	Connection Set for Conductive Charging of Electric Vehicles—Part 3: DC C harging Coupler Electric vehicle conductive charging system—Part 1: General requirements Communication protocols between off-board conductive chargers and batter y management systems for electric vehicles Interoperability test specifications of electric vehicle conductive charging Conformance test of communication protocol between off-board conductive charger and battery management system for electric vehicles
Attachment	1 instruction manual, 1 power cord (1.5 meters), 1 communication cable (1.5 meters)	