

EV-XL27 (EV CAR MOTOR DRIVE SYSTEM TRAINER)

PRODUCT DESCRIPTION

Adopt BYD E5 pure electric vehicle drive system, original matching gearbox and transmission shaft; the high voltage power line and the power battery and management system training platform, the module function and control mode and the original vehicle; truly present the connection control relationship, installation position and operation parameters between the core components of the drive system, and the high voltage system safety precautions, and train the students for fault analysis and maintenance training of pure electric power vehicle in vocational college.

PRODUCT FUNCTION

1. The main components are installed on the platform. The electrical connection mode is the same as that of the real car. It can be easily disassembled after the power failure.
2. The system parts are assembled according to the original car structure, so that the students can clearly understand the real car structure and carry out the actual disassembly practice.
3. The module is connected with the power battery and the management system module. The connection cable is matched for the original car, which is connected in the same way as the original car. Including high-efficiency motor, gearbox
4. The 10-inch fault terminal can be used for fault generation, and the number of faults can be more 10 , help student to facilitate troubleshooting exercises
5. The port diagram of the distributed drive unit system on the panel. The measuring terminal is installed on the colour spray-painted aluminium-plastic panel to facilitate the detection of component.



PARAMETERS

Product size (mm) :	1200*1200*1600 (L*W*H)
Input Voltage	AC220V±10% 50Hz
Total motor power	160 KW
Total motor Torque	310 N.M
Drive motor	single motor
Motor layout	front

PRODUCT COMPONENT

Brakepedal assembly, electronic accelerator pedal, high efficiency motor, gearbox, drive shaft, brake disc, removable platform.