INSTRUCTION BOARD OF BEV ENERGY MANAGEMENT SYSTEM

DL DM46

LEARNING EXPERIENCE

This demonstration bench shows the BEV energy management system and it can dynamically simulate the energy flow direction and motor running status during starting, driving at low speed, normal speed, full speed, and reduced speed and stopping of BEV.

MAIN CHARACTERISTICS

The demonstration panel is installed with components, including ignition switch, operating mode switch, throttle pedal, gearshift switch, brake switch, digital tachometer, ammeter. The trainer is also supplemented with light emitting diode for dynamic indication of system flow direction. Additionally, a simulated machine is also equipped for demonstrating working state of motor.

GENERAL CHARACTERISTICS

- Dim. mm (HxLxW) : 1700x1600x700
- Weight approx. 100 kg
- Operating voltage: 12V DC
- Input power supply: AC 220V±10% 50 Hz
- Operating functioning temperature: -40°C to
- +50°C

OTHER CHARACTERISTICS

a) Instruction board panel is made of 1.5 mm molded aluminum frame structure. Chassis part is welded with the steel structure, the surface is processed with spraying the chassis is equipped with a self-locking casters.

b) small tabletop shelf is fixed on the instruction board frame to place material and testing devices

c) The instruction board is supplied with an AC power of 220V which will be converted into a DC power of 12V through an internal transformer rectifier, without battery and recharging. The DC power supply of 12V is provided with protection function against short circuit