

Product Name :
Electrical Generation Trainer**Product Code :**
MCHT0022A large, light gray watermark of the ALTEC logo is centered in the background of the main content area.**Description :**

Electrical Generation Trainer

Technical Specification :

modular didactic system for the study and training in generation, transformation, transmission, protection, use and micro generation of energy in a smart grid electrical network

- must be modular and used vertical metal frames for quick fitting of modules without the use of screws or tools;
- do not provide electrically disclosed parts
- the modules should present the corresponding serigrafia on the front. the elements / modules must have compatible characteristics between you and must have consistency and logical sequence.
- should be constituted of different generation systems (wind and photovoltaic) and should be supervised by software for parametrising, control and storage of measures actuated in specific points of the electrical network using adequate protocol;
- it should include generation system of simulated hydroelectric power by alternator, thermal energy generation system simulated by three-phase power module • ALL ENERGY generation systems must be integrated in the network and supervised with modbus communication protocol.
- modules that have standard interface rs485 must be programmable via supervisory and should allow to parametrize the electrical network in terms of such variables like: current, on voltage, difference of phases between generators, noise levels to be supported, etc.



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