Power electronics studies the application of electronic devices to conversion and control of electrical power with the greatest possible efficiency. In this laboratory, the students can analyze the proprieties of the PWM control with the use of circuit as flyback converter and forward converter.

This trainer has a modular structure and it consists of didactic panels installed on a vertical frame. It is supplied with a theoretical and practical manual. The modularity of this didactic system grants to the students a direct and immediate approach to the topics, offering the opportunity to study various subjects performing several experiments as following:

- Flyback converter with IGBT. PWM control.
- Forward converter with IGBT. PWM control.
- Asymmetric half-bridge forward converter with IGBT. PWM control.
LIST OF MODULES:

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<th>Code</th>
<th>Description</th>
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<td>DL 2613</td>
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<td>VOLTAGE REFERENCE GENERATOR</td>
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<td>PWM/PFM/TPC CONTROL UNIT</td>
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<td>MAINS TRANSFORMER</td>
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Accessory:

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For the Countries where the 3-phase mains supply is different from 380V:

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