

Power Electronic Technology



Component
École Nationale
Supérieure
d'Électrotechnique
d'Électronique

In brief

- > **AmetyS Code:** N9EE22D
- > **Open to exchange students:** Yes

Presentation

Objectives

- Understand the different technological solutions for implementing passive components in power electronics.
- Understand the thermoelectric limits of passive components in power electronics.
- Understand the equivalent electrical models of passive components in power electronics.

Learn a methodology for sizing and selecting a magnetic component in power electronics.

Description

- Technologies and modeling of magnetic components in power electronics.
- Technologies and modeling of capacitive components in power electronics.
- Case studies.