



**Projeto:**

**Electronic Transformer Applied to Recharge Electric Vehicles**

**Participantes:**

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**Objetivo:**

To study and develop Electronic Transformer based on the topologies of static converters applied in the stations of recharges of electric vehicles of fast load.

**Descrição:**

Based on inverter topologies applied to level 3 electric vehicle recharging stations. The study of three-stage converters (CA-CC-MFA-CC) and provides possible contributions related to the type and number of static semiconductors, levels of application performance such as operating frequency, input and output voltage levels, power, establishment of the input and output arrangement which shall determine the module number per phase according to the operation. Conduct study also in relation to insulation and link DC .

**Financiador:**

UDESC