

POWER ELECTRONIC



Innovative solutions in power electronic for the transportation and industry markets.



Through a reactive, experienced, dynamic team, totally devoted to our customers, ERCTEEL commits to support you in new design, development, testing and the procurement of electronic solutions in the field of power, control and energy conversion.

Founded in 1990 in the Lyon area, ERCTEEL is specialized in the power electronic and energy conversion business applied on transportation and industrial equipments. ERCTEEL is today a key player in providing State-of-Art battery charging devices and energy storage solutions for embedded, stationnary applications in the Electric Vehicles and Transportation markets.

EMBEDDED PRODUCT RANGE

CONTROL CIRCUIT BOARD AND DEVICE

ENERGY STORAGE

ACCESSORIES PRODUCT RANGE



ENGINEERING Design

To design, develop, test and manufacture power electronic equipments and energy conversion solutions according to our customer technical specifications.

TESTING VALIDATION

Hundreds of assemblies have been manufactured today including prototypes, pre-serial or multi years production parts.

Innovate to advance

COMMISSIONING MAINTENANCE / AFTERMARKET

Set up of a testing pole for the maintenance and aftermarket activities in order to cover the entire product life cycle.

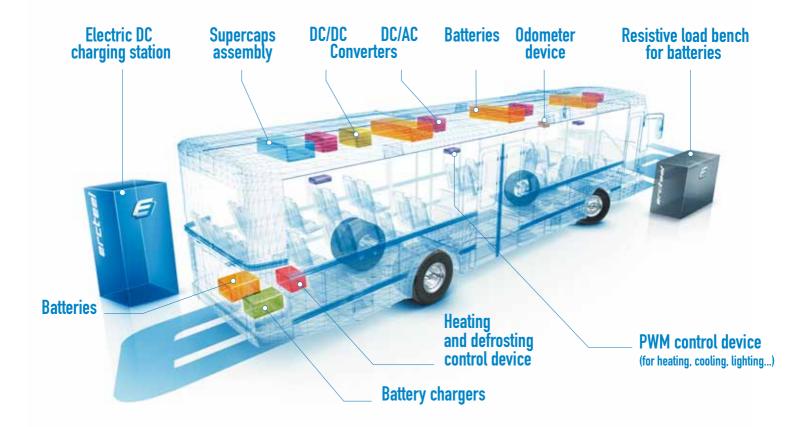
MOUNTING & ASSEMBLING ELECTRIC CABLING SUBCONTRACTING

To run mounting, electric cabling, electronic, pneumatic, hydraulic assembly operations according to our customer demand and specifications. These customers are working in the industrial, transportation and aerospace markets.

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Ercteel support your needs on all stationary or embedded solutions



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ELECTRONIC SOLUTIONS DEDI

ERCTEEL IS SUPPORTING THE FOLLOWING



RAIL EQUIPEMENT

ELECTRIC VEHICLE

BUS / URBAN

A broad range of innovative solutions:

Embedded battery chargers

Single and tri phase chargers

Power from 3kW to 20kW Output voltage from 70VDC to 650VDC for all type of battery pack

Embedded power converters

Chargers 20kW-80kW DC/DC converters for battery pack or supercap modules

Converters





Chargers



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DC/DC Converters



Electronic power circuit boards



Energy storage modules

CATED TO YOUR ENVIRONMENT

MARKETS







INDUSTRIAL VEHICLE



ENERGY STORAGE AND MANAGEMENT

Energy storage modules

- Supercap modules assembly, control and management Energy storage from 10Wh to 1000Wh
- Electronic power circuit boards and devices



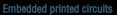
- Electric DC charging station Power from 50kW to 350kW Output voltage from 400VDC to 1000VDC
- Resistive load bench vehicle batteries

Output voltage from 400VDC to 1000VDC

Accessories/Control device

- PWM control device for heating, cooling, lighting
- Odometer device







Electric charging station



PWM control device



Odometer device







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