



MARKET SEGMENTS

Green Mobility

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BOOTH NO.

A08 Impact Clean Power · Poland

Product: E-BUS Battery

Modular battery system for electric buses

THE NEED. Battery systems for electric buses are too expensive to compete with diesel engines and do not respond to the wide range of requirements of bus operators. Also, they prefer to work with one single supplier yet are normally linked to just one type of cell.

THE SOLUTION. The modular battery system consists of several battery modules with a capacity of 30 to 60 kWh. Basic battery blocks come in 3 versions and are based on cells with three different chemical compositions: NCM/HC (long life), NCM/Ni (low price) and LTO (high power, frequent/quick recharging). They all have the same casing and the same BMS (battery management system). Battery blocks are interchangeable.

KEY FEATURES.

- Competitive pricing.
- Easy to integrate and configure.
- Proprietary battery management system.
- Standardised product in three different chemical compositions / performance versions.

VALUE PROPOSITION.

- Allows for long term and broad collaboration with suppliers.
- Decreases cost by offering a standardised product.
- Fulfills different tender requirements.
- Provides flexibility to tailor the battery system to individual requirements.

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THE TEAM

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STRATEGIC PARTNERSHIPS/ CUSTOMER REFERENCES

Solaris, Ursus - Poland
Irizar - Spain
Temsa - Turkey
Kiepe Electric - Germany,

✓ **COMMERCIALISED**