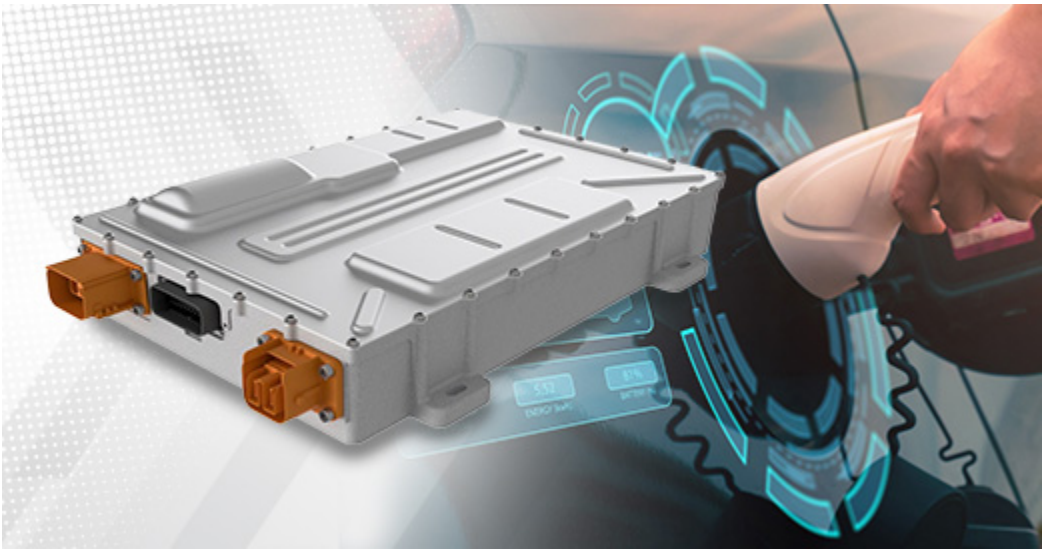
Advanced Automotive Solutions

MTA on-board chargers: Technology, flexibility and power for the mobility of the future

The electrification of industrial vehicles (trucks, buses, off-highway machines and marine applications) is accelerating, and with it the need for charging solutions that are robust, efficient and suitable for demanding operating environments. MTA develops On-Board Chargers (OBCs) designed to meet the real-world challenges of these sectors, enhancing charging speed and efficiency.



We’ve highlighted the key features of MTA’s OBCs and the major challenges shaping the future of electrification in a dedicated, in-depth article.

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The IDB – Interior Distribution Unit is an electronic control unit for power distribution and the management of numerous in-vehicle functions, developed by MTA for several Peugeot, Citroën, and DS vehicle models.

The IDB supplies power to onboard electronic control units, acquires analog and digital inputs, and manages systems such as climate control, heated seats, heated steering wheel, and heated windshield, ensuring efficient power distribution and electrical protection.
This control unit is manufactured and assembled in Italy, at MTA's Rolo site, on a fully automated production line featuring innovative technologies.

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