

ADVANCED ON-BOARD BATTERY CHARGERS FOR HARSH ENVIRONMENTS



MTA develops and manufactures on-board battery chargers under EDN brand for a wide range of plug-in hybrid electric vehicles or pure electric vehicles, such as for example buses, trucks and vans, boats, underground vehicles and more.

The OBCs supplied by MTA cover voltages up to 1000 V, are easy to be integrated in the vehicles, and deliver prime durability, scalable and sealed solutions. They are built to resist hard environments and can be installed in any rugged application.



E-TRUCKS



E-TRACTORS



OFF-HIGHWAY E-VEHICLES



E-BOATS



Read more about MTA on-board battery chargers on www.mta.it/en/power-electronics

EV011

- Air or liquid cooled
- US and EU single-phase and three-phase AC input voltage range
- SAE J1772 and EN 61851 compliance
- HVDC interlock monitoring
- Typical efficiency >90%
- High AC input power factor (low reactive power)
- AC/DC galvanic isolation assures a definitive safety separation between the vehicle and grid
- High IP protection rating (EN60529)
- Outputs are short-circuit and reverse polarity protected
- Fully CAN controlled (v2.0B)
- SAE J1939 compliant
- Super-capacitors charging from zero voltage

