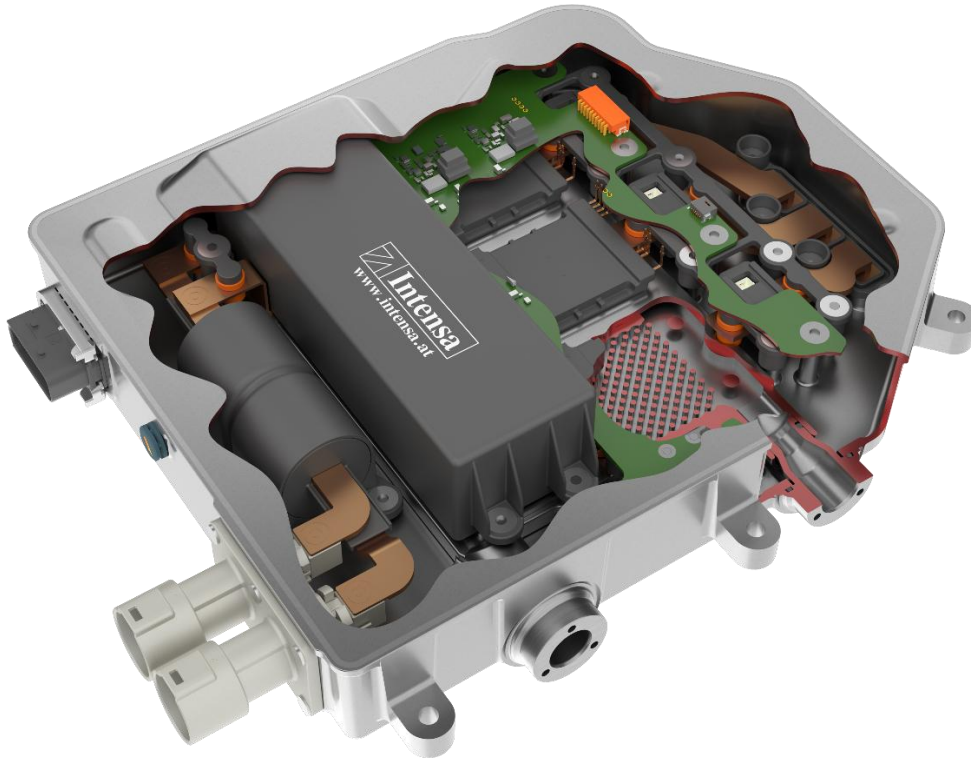


HV-Components in highly integrated design:

InvertX – screwless Inverter Demonstrator!



Picture: Inverter build-up with innovative assembly concept, competitively manufactured by utilisation of laser-welding technology

New highlight at Intensa!

Use our **"InvertX" product concept for screwless traction power inverters** or ePTO inverters with **innovative assembly technology by laser welding**. The **actively cooled aluminum coldplate subassembly** is media-tight laser welded using multifocus optics and the partly overmoulded copper **busbars together with E/E devices are laser-welded** as fixture-bound functional core modules.

Save cost for sealing gaskets, screws and their assembly, space for screw access, excessive dimensional tolerance stack-ups, multiple contact resistances and resulting power losses!

Come to our booth B3.E10 and have a look at our **"InvertX" demonstrator on display** - see yourself how our solution kit for power electronics may get you "on the fast track". Adapt our ready-to-use concept to your specific project requirements - for highly effective product design, prototyping and volume production!

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Intensa Group operates from facilities in Austria, the Czech Republic and Auburn Hills/MI (USA) and specialises in Engineering, Prototyping and Volume Production of **precision mechanics and mechatronics solutions**. Established in 1998, Intensa focuses on insert moulded busbar frames, busbars and housings as well as **ECU, actuators, sensors and HV components such as BJB/S-Boxes, electrical filter modules, power inverters** used in **MHEV, PHEV and BEV applications** as well as for emission reduction of combustion engines.



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