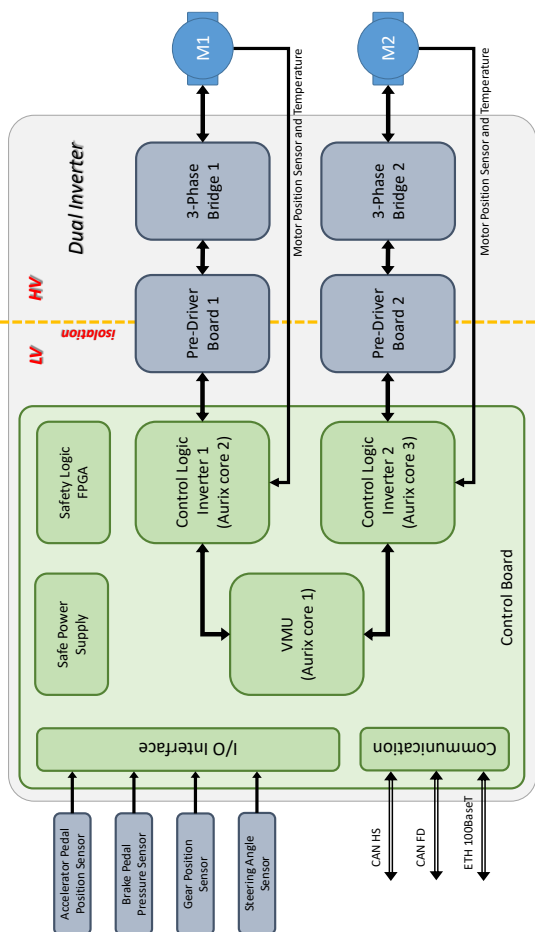
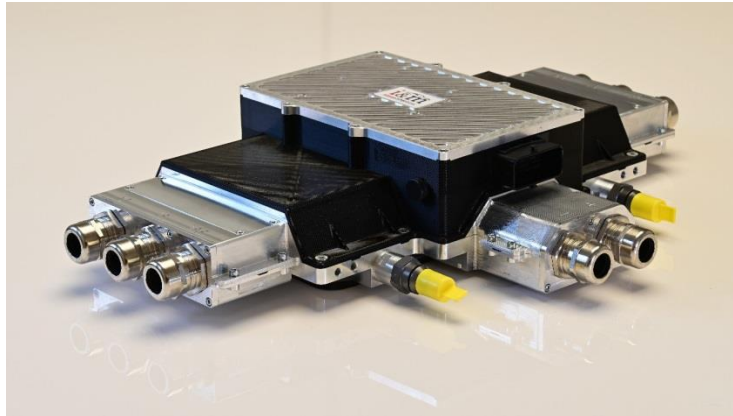


## DDMO400V450A1



- Dual 3-phase 400V motor controller for electric vehicles (EV) with 2 electric motors
- Control of multiple motor types incl. PMSM, TFM, AFM motors
- 2x90/2x200 kVA output power (cont./peak)
- 2x205/2x450A rms (cont./peak)
- 400V (optional 800V) nominal voltage
- Configurable with IGBT or SiC power modules for optimum cost/performance ratio
- Integration of control logic, gate drivers and power modules in a single unit
- FOC with field weakening support
- Full HW and SW integration of vehicle management functions (VMU) incl. gyro, acceleration sensors, brake, throttle, steering angle, drive mode etc. inputs
- Designed according to ISO26262. Supports up to ASIL-D level through advanced safe power supply, lockstep and watchdog architecture
- Comprehensive diagnostic and safety functions
- Comprehensive connectivity via 2 CAN and one 100-BaseT Ethernet interface
- IP69, 9kg, volume 6.5l, dimensions (L/W/H): 390x680x120mm
- Product status: Prototypes upon demand

For more information please contact:  
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