

E-MOBILITY

Manufacturers	Products	Applications
	<p>High voltage power distribution units (PDU), high voltage battery disconnect units (BDU), high voltage on board chargers (OBC) and DC/DC-converters, combo OBC and DC/DC-converter, electric vehicle communication controller (EVCC), supply equipment communication controller (SECC) OBC: 6.6kW to 40kW, 94% efficiency DC/DC-converter: 300W to 12kW Combo OBC and DC/DC-converter: 3.3, 6.6 or 11kW OBC + 1 to 3kW DC/DC</p> <p>Connectors EV chargers, high voltage power connectors (plastic or metal), manual service disconnectors, signal connectors, charging connectors, high voltage wire harness</p>	<p>Battery Management Systems, Automotive, Electric Vehicles, Charger Systems, Agriculture, Automatic Guided Vehicles, UGVs, UAVs</p>
	<p>MEMS, 3-axis accelerometers, small, low power Inertial Measurement Units (IMU) with precise acceleration measurements for wearables 6-axis IMU consumer, small, low power IMUs with precise acceleration and gyroscopic measurement</p>	<p>Automotive, Autonomous Driving, Smart Cockpit</p>
	<p>Powering the Future of Transportation DC/DC-converters from 300 to 3000W for 12, 24, 28, 48, 400VDC battery voltages 3000W BCA series bi-directional DC/DC-converters Ruggedized enclosed 3000W BCE series bi-directional DC/DC-converters 1500 & 3000W bi-directional non-isolated DC/DC-converters 12V/48V battery with a CAN 2.0b interface including remote ON/OFF HVC series 400S12.4KOHVC-L-CM: 4kW auxiliary power module, 220VDC to 420VDC input, 9 to 16V output and provides a single isolated 12VDC output for powering auxiliary equipment, liquid cooled, rugged and fully IP rated, vibration resistant, thermally optimized enclosure HVC 800S24.4KOHBC 16-32V output 4kW High efficiency up to 97%</p> <p>1000W full-bricks with wide input range at 9 to 36VDC AC/DC on-board charger module with 6.6kW, 240 to 450 VDC output, operate from international nominal mains voltages of 100-120 / 200-240VAC nominal. OBC series are liquid cooled and feature a rugged, fully IP rated, vibration resistant, thermally optimized enclosure with slotted through holes for easy installation 300W AC/DC Li-Ion battery chargers for e-mobility and battery applications High efficiency up to 95%</p> <p>Battery Management Systems Standard brick size DC/DC-converters 50 to 1000W Single modules with 9 to 160VDC input & 5 to 57VDC output voltage Option: chassis mount and DIN-rail version, good shock and vibration dampening, temperature range -40 to +105°C high efficiency >95%, up to 5-year warranty</p>	<p>Battery Management Systems, Automotive, Mild Hybrid Vehicles, Autonomous Vehicles, Recreation Vehicles, Electric Industrial Vehicles, Agriculture Vehicles, Last Mile Transit, Automatic Guided Vehicles, Fork Lifts</p>
	<p>Electric vehicle on-board chargers and DC/DC-converters 2-in-1 on-board chargers 6.6kW & DC/DC-converters 1 to 3kW, liquid-cooling Single 6.6kW EV on-board chargers with 85 to 265VAC input voltage & 400 to 850VDC output voltage, CAN bus interface, air-cooling</p> <p>0.8 to 12kW DC/DC-converters: 400 to 850VDC input & 14 to 48VDC output voltage 3 to 6kW DC/DC-converters: 250 to 430VDC input & 14 to 48VDC output voltage 1.5 kW DC/DC-converters: 65 to 120VDC input & 14 to 28VDC output voltage 30 kW HV-to-HV DC/DC-converters: 250 to 850VDC input & 250 to 850VDC output voltage, liquid or conduction cooling, programmable CV/CC output IP67 enclosure, CAN communication, compliance with SAE J1772/IEC 61851 Automotive quality standard, lifecycle traceability</p>	<p>Automotive, Electric Vehicles, Hybrid Vehicles, Marine & Yacht Applications</p>