



Explore our Technologies

# High Voltage Low Power Inverter (HVLP)

for Electric and Hybrid Vehicles

BORGWARNER

# High Voltage Low Power Inverter (HVLP) for Electric and Hybrid Vehicles

**High Voltage Low Power (HVLP) Inverters** are designed to drive vehicle auxiliaries such as air-conditioning, compressors, fans and pumps.

HVLP has a wide operating DC supply voltage range (200 V-800 V) and is typically used in systems rated between 5 kW and 20 kW.

Compatible with both Induction and PM Synchronous motors, sensor-less in many cases.

Supporting CAN and J1939 protocols, the HVLP may be set up to run standalone or as a slave with commanded torque/speed over CANbus.



## Air Cooled HVLP-10

- Air Cooled
- Operating voltage range 200 VDC-800 VDC
- 10 kW continuous
- CAN Interface
- Built in over-current, over-temperature protection
- EMC to UNECE R10
- Sensorless or position feedback supported
- Dimensions: 255mm x 223mm x 95mm
- Weight: 3.7kg
- IP6K9K, IP67 enclosure



## Liquid Cooled HVLP-20

- Liquid Cooled
- Operating voltage range 200 VDC-800 VDC
- 20 kW continuous
- CAN Interface
- Built in over-current, over-temperature protection
- EMC to UNECE R10
- Sensorless or position feedback supported
- Dimensions: 255mm x 223mm x 88mm
- Weight: 2.3 kg
- IP6K9K, IP67 enclosure