



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