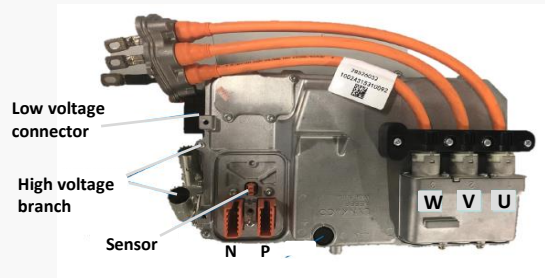


DELPHI INVERTOR EQUIPPED BO RUI PHV OF GEELY AUTOMOTIVE (CHNESE CARMAKER) TEARDOWN REPORT



Bo Rui PHV of Geely Automotive
Source from Geely website



Inverter unit produced by Delphi

Product overview

This inverter unit is equipped in Geely Automobile's flagship sedan Bo Rui (PHEV). The powertrain of this model was jointly developed with Volvo.

This inverter unit is made by Delphi and also provide to Link & Co 01 and Volvo XC-40. There is the information that Delphi Suzhou Plant has started the mass production since January 2019.

Inverter unit features

The inverter size is 300mm × 190mm × 150mm (about 10kg).

System configuration includes capacitors, power cards (made by Delphi), driver boards, DCDC boards, control boards, and cooling system (water cooling).

Water cooling system cools the power card on the driver board and the heat-generating components mounted on the DCDC board.

Report content

78 pages report includes the images of teardown process and BOM list of each PCBs.

Circuit analysis report: \$3,000

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