1.5 MVA Universal Medium Voltage Inverter Module

Objectives:
To develop a 1.5 MVA/1650 Vdc universal medium voltage inverter module that can be used for large vehicle traction drives, FACTS devices, renewable energy, and other industrial applications.

Specifications:
- Input voltage: 1500 ~ 1800 V DC
- Output voltage: Three phase AC 0~1400 V
- Rated output current: 660 A RMS
- Max output current: 800 A RMS
- Output frequency: 0 ~ 180 Hz
- Dimensions: 350 x 830 x 520mm (H x L x W)
- Weight: 125 kg

Typical application examples:
- Locomotive Traction Drive
- Cascaded Multilevel Application

Features:
- Modular, flexible, reconfigurable, and expandable PEBB design
- Over voltage, over current, over temp, protections
- Self fault diagnosis and plug&play
- Compact and light weight

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