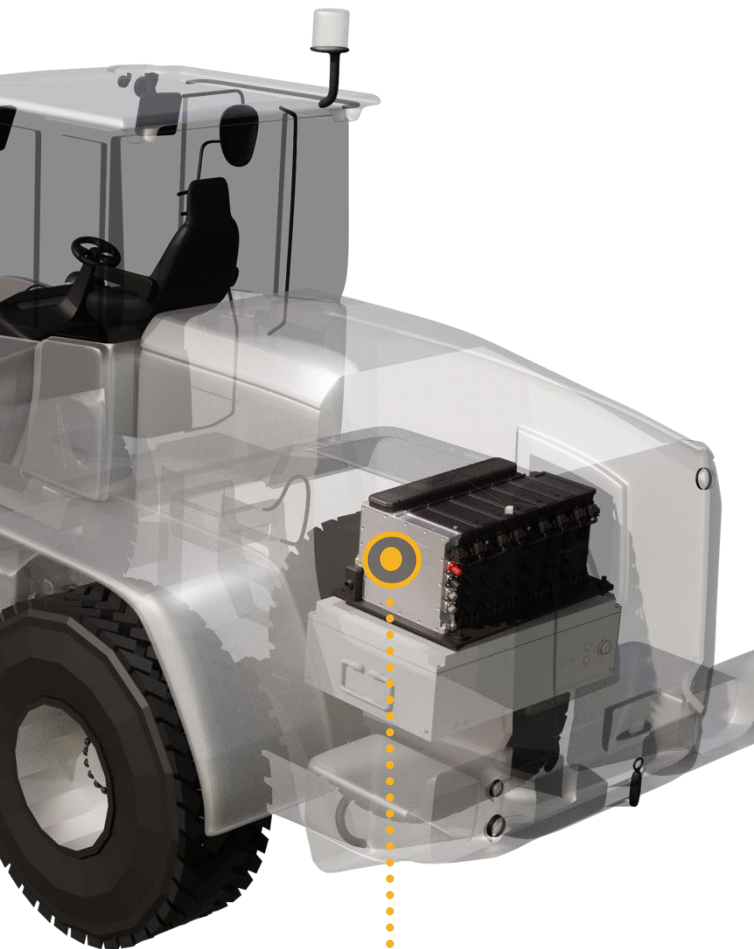


High Voltage Distribution Module

An electronic component used to safely distribute high voltage to various auxiliary devices on the vehicle. Excess regenerative energy is also managed within the module.



- 1 Low Voltage Interface
- 2 High Voltage Battery Input
- 3 High Voltage Output
- 4 Common High Voltage DC Bus

Features

Common DC Bus interface	Connects all the system modules without needing cables and connectors
Cooling	Reduces number of Liquid cooling lines, while increasing component life
High voltage distribution	Distributes high voltage DC power
Integrated branch fuses	On-board branch fuse protection
Integrated dynamic brake circuit	Removes energy from the system and reduces the number of cables and connections
Configurable options	Insulation monitoring, EMI filtering, battery connections - increases fault detection, ensures reliable electrical signals, can connect to 3 rd party high voltage batteries

Technical Data

Input Voltage Range	270Vdc– 800Vdc
Ambient Temperature Range	-40°C to +85°C
Ingress Protection	IP67, IP6K9K
Weight	<10kg
Vibration & Shock	5.91g & 50g
Dimensions	L:358mm W:77mm H:293mm
Compliance	ISO 13766, ISO 14990, ISO 16750