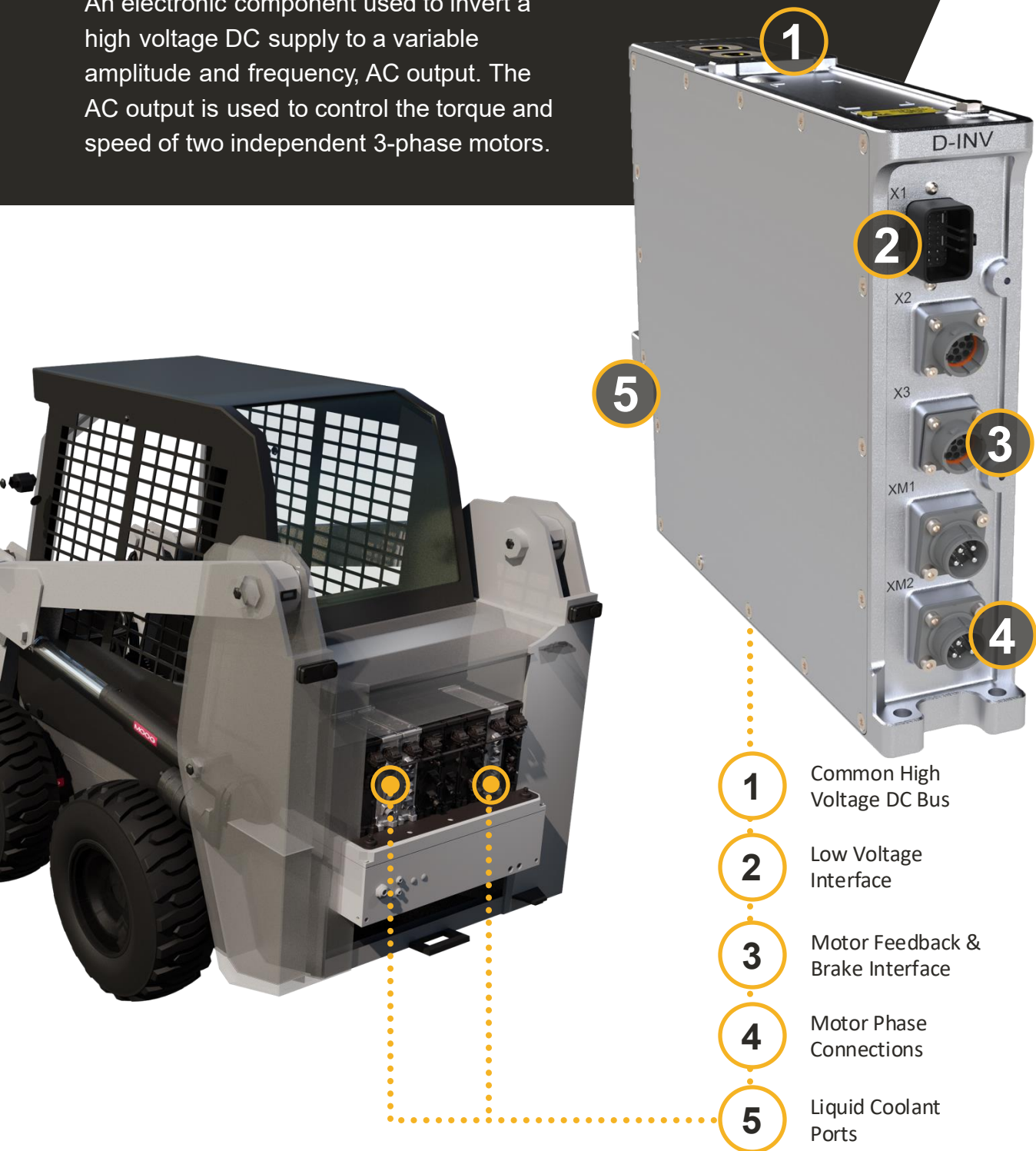


# Dual Axis Inverter Module

An electronic component used to invert a high voltage DC supply to a variable amplitude and frequency, AC output. The AC output is used to control the torque and speed of two independent 3-phase motors.



Features	
Dual Axes	Provides power to two lower control axes for a compact solution
Common DC Bus interface	Distributes high voltage power among modules, while reducing electrical cables and connectors
Common liquid coolant connection	Reduces number of Liquid cooling lines, while increasing component life
Combined motor brake and motor feedback interface	Reduces the number of electrical cables, connectors, and electric modules
Brake Bypass functionality	Supports the use of a dynamic brake to remove energy from the system
Advanced Diagnostic Tools\Fault Detection	Optimized service capabilities
Integrated functional safety	Increased vehicle/human safety
Pluggable connections	Optimized integration and ease of use

Technical Data	
Input Voltage Range	400: 270Vdc-480Vdc 800: 400Vdc – 800Vdc
Output Current	2x 32Arms\96Apk
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, ISO 13489, CE