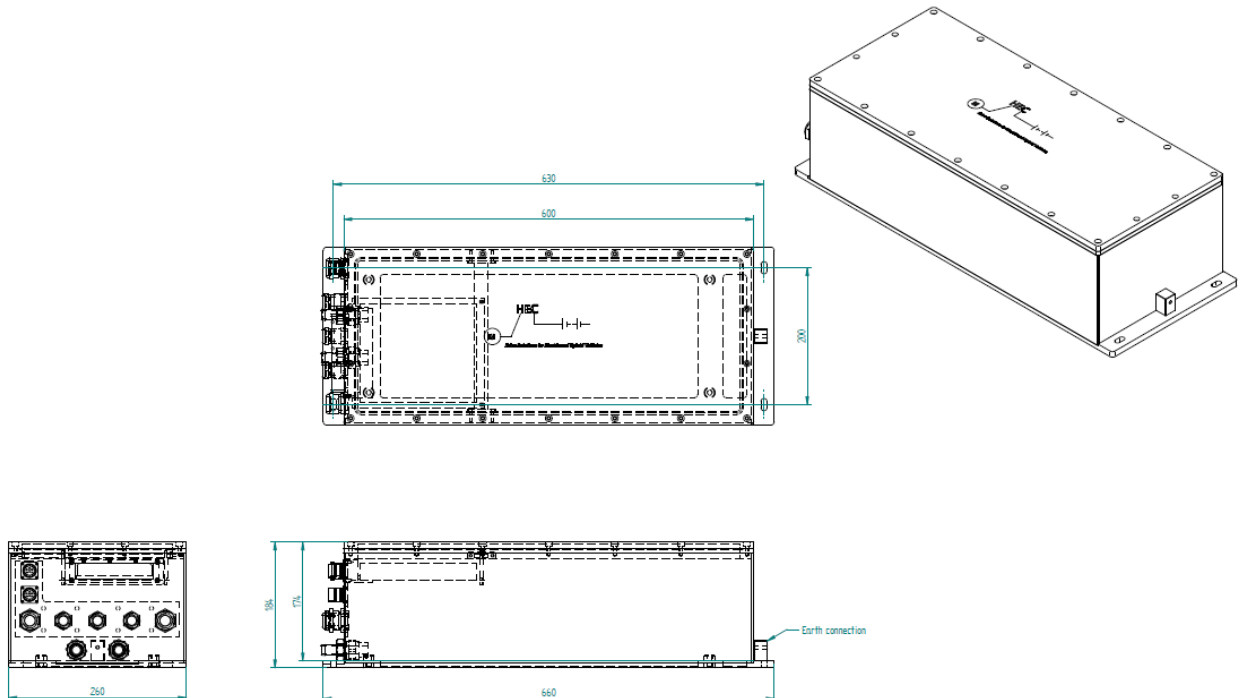


## Specifications HEC traction inverter type TI-9030

Operating voltage DC (V)	100...820
Voltage limit (V)	900
Max output current ( $A_{rms}$ )	350
Continuous output current @ 700 V DC, 4 kHz, $U_{out}$ 495 $V_{rms}$ , $\cos \phi$ 0.85 ( $A_{rms}$ )	275
Switching frequency (kHz)	2...10
Max output frequency (Hz)	400
Powerstage	Semikron Skiip 3 IGBT module
Signal Interface	70 pole
Power supply control board (V)	8...30
Motor control algorithm	Space vector modulation, Field oriented control
Communication	CAN
Weight (kg)	24.1
Dimensions LxWxH (mm)	660 x 260 x 184
Cooling media	Water-Glycol (12 L/min)
Degree of protection	IP54
Ambient Temperature ( $^{\circ}C$ )	-25...70

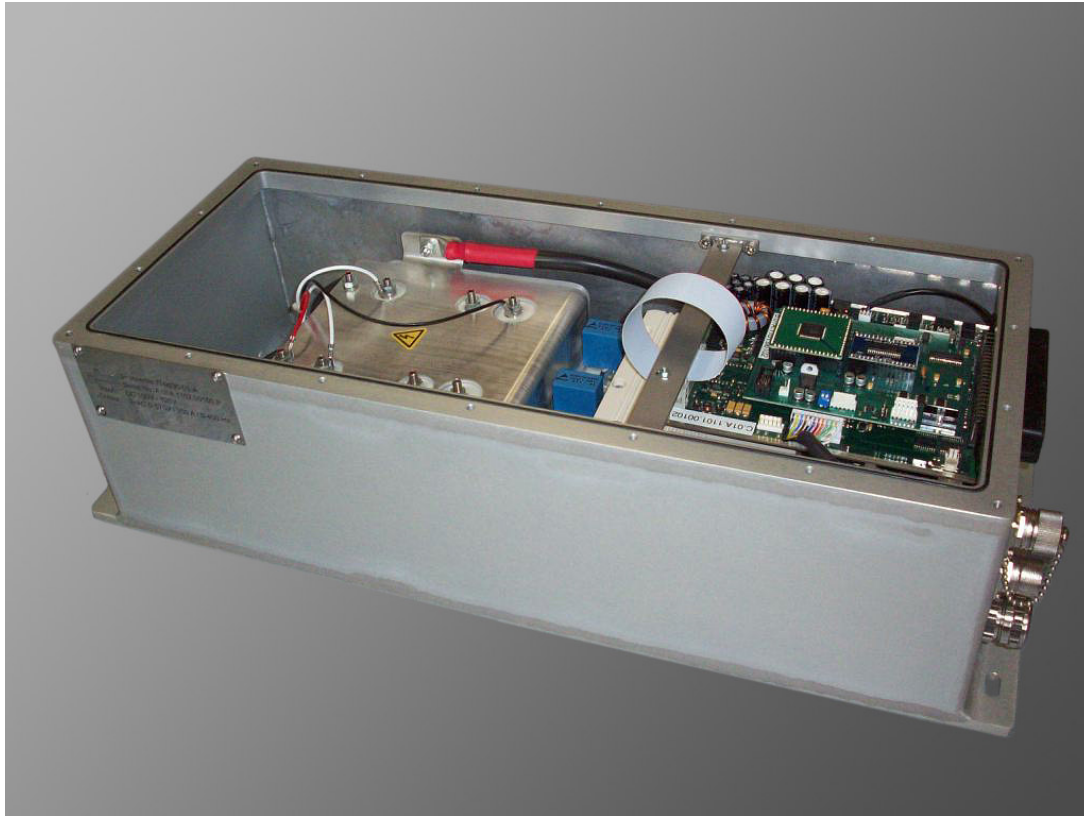


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