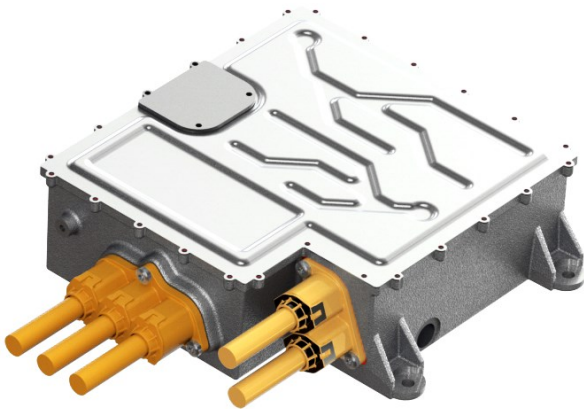


AC motor power delivery is implemented by liquid cooled Infineon FS03 Series SiC module.

EDS.33.800.SiC Motor inverter utilizes Indirect FOC motor drive algorithm providing great torque response and efficiency.

**8.5t to 18.0t**

Key Features



- DC link voltage up to 850 V
- Phase current 400 A RMS / 490 A Peak
- Active switching overshoot protection
- Hardware short circuit protection
- DC link current limiting
- Up to 1 Mbps CAN bus communication
- HVIL protection
- Weight: 7.4 kg
- ASM and PSM motors

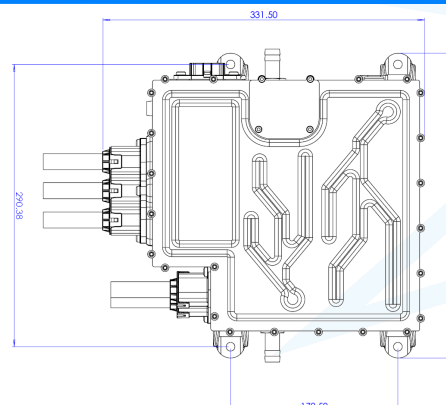
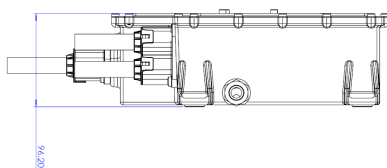
Power Rating

- Peak Power: 280 kW @ 800 VDC
- Typical working voltage: 650-820 VDC
- R-85 - 30 min power: 157 kW @ 800 VDC

Other Features

- Coolant Flow: 15 L/min
- Coolant 50/50 water-glycol
- Working Temperature: -40 C — 75 C
- Max Phase Current: 490 A (10s) @ 45 C

Drawings





**ELINTA
MOTORS**