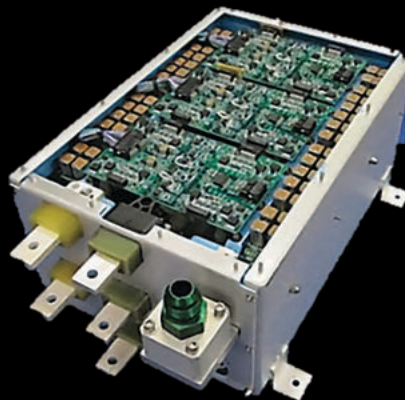


SiC MOTOR DRIVE

200kW High Temperature
3-Ph Motor Drive

DESIGN FEATURES

- + 200kW, 650VDC In
- + All SiC Module Design
- + CAN Bus Communication
- + Motor Position Feedback: Resolver or Encoder
- + 125 Deg C Rated Parts
- + 28VDC Control Power Input
- + Liquid Cooled - 6 GPM



HARDWARE FEATURES

- + Bus Bar Power Connections
- + 7/8-14 JIC Coolant Fittings

BENEFITS & EFFICIENCIES

- + 100 Deg C max coolant inlet temperature
- + >98.5% Efficiency

SPECIFICATIONS

- + Size: H: 5.32" L: 7.97" D: 15.52"
- + Weight: 27 lbs
- + Volumetric PD: 18.6 MW / m³
- + Gravimetric PD: 135 lbs / MW

SAFETY & PROTECTION

- + Stored Energy Safety Discharge
- + Emergency Stop input for Gating Disable

REGULATORY COMPLIANCE

- + Commercial & Military Tailoring
- + EMI: Mil-Std-461

APPLICATION

- + Military & Commercial

e: bd@rct-systems.com

o: 410 694 8044

1705 Twin Springs Road, Suite 107
Baltimore, MD 21227

