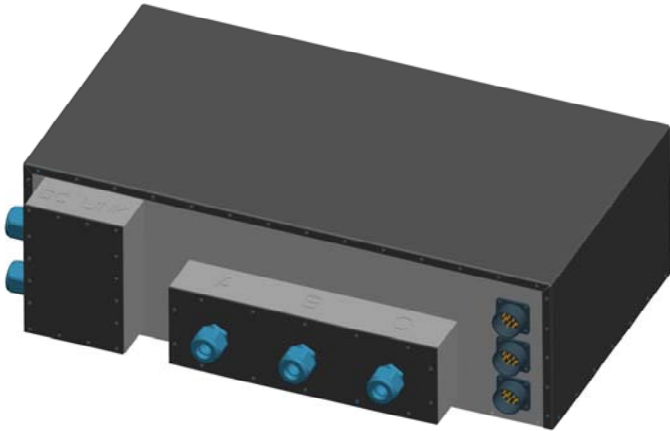


HEVT's Traction Motor Drive

High Power AC Drives



Part # TMD-45-XX

Description

HEVT's traction motor drives are specifically design for electric propulsion vehicles. The drive is a robust dc/ac three phase inverter using efficient trench gate IGBT's. The drive system is liquid cooled which allows for a compact power dense design. Its serial interface allows for parameter programming and system diagnostics. The traction drive can be configured for speed or torque control via analog or digital commands. Fault protection disables the inverter due to over current, over heating, and gating under voltage. Typical DC link voltage is 450VDC, higher bus voltages available upon request.

Applications

- Electric propulsion
 - Plug-in Hybrid Electric Vehicles
 - Hybrid Electric Vehicles
 - Electric Vehicles
- Industrial drives

Features

- Up to 450VDC and 400Amps
- Analog or CAN command interface
- Torque or speed control
- Optional brake resistor interface
- Pre-charge circuit for soft start
- Liquid cooled
- Efficient trench gate IGBT's
- Short circuit protection
- Under-voltage interlock
- Active bus voltage clamping
- Over-current protection
- Thermal limit cutoff
- Configurable speed and torque limits
- Standby power save mode

Ordering Information

Description	QTY	Unit Price
Traction Motor Drive 450V 400A (TMD-45-40)	1-4	\$19,000 USD ea.
	5-9	\$16,900 USD ea.
	10+	call
Traction Motor Drive 450V 300A (TMD-45-30)	1-4	\$18,000 USD ea.
	5-9	\$15,950 USD ea.
	10+	call
Traction Motor Drive 450V 200A (TMD-45-20)	1-4	\$17,000 USD ea.
	5-9	\$14,990 USD ea.
	10+	call

Lead time: 8-10 weeks

To order: call +1-312-235-3602 or send request to contact@hevt.com

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All specifications and prices are subject to change without notice.