



MOTOR CONTROLLER FOR ELECTRIC VEHICLE WITH DC BRUSHED MOTOR

DC chopper designed for LMC /AGNI motor with peak power of 25KW at 72V.

To be used with an ECU, with CAN bus.

Nominal voltage: 72Vdc

Voltage range: 30-84Vdc

Nominal power : 25KW

Nominal output current: 300A

Max output current: 420A 10"

Communication protocol: CAN 500KHz,

Chopping frequency: 32KHz, 12bit resolution

Regenerative braking optional

Stand-by current: 50uA

Efficiency: >97%

Control mode: torque regulation with speed limit

Supply : 12Vdc auxiliary battery, by insulated DC converter.