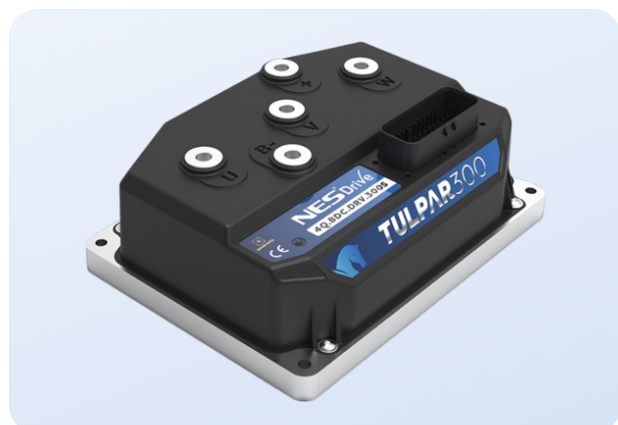



TULPAR

TULPAR 300

4Q regenerative BLDC/PMSM/ACIM motor drive. 300 A rated, 450 A peak; flagship series for AGVs, AMRs and heavy industrial platforms.

300 A

RATED CURRENT

450 A

PEAK CURRENT

**12-48 /
48-120
V**

VOLTAGE

4Q

TOPOLOGY

Technical Specifications

Protocol	Modbus and CANopen
Interface	RS232 / CANBus / RS485
Operating Voltage	12-48V / 48-120V DC
Rated Current (RMS)	300 A
Peak Current (RMS)	450 A
Matching Motors	BLDC / PMSM / ACIM
Digital Inputs	5
Analog Inputs	2
Digital Outputs	2
Feedback	Encoder and HALL / Resolver (Optional)
Brake Output	1
Temperature Range	-10 °C / +40 °C
STO (Safe Torque Off)	Yes
Topology	4 Quadrant (4Q)