Samad Power Ltd

MOTOR INVERTER

HIGH-SPEED APPLICATIONS

SP-400-2500

Inverter for driving high speed permanent magnet motors

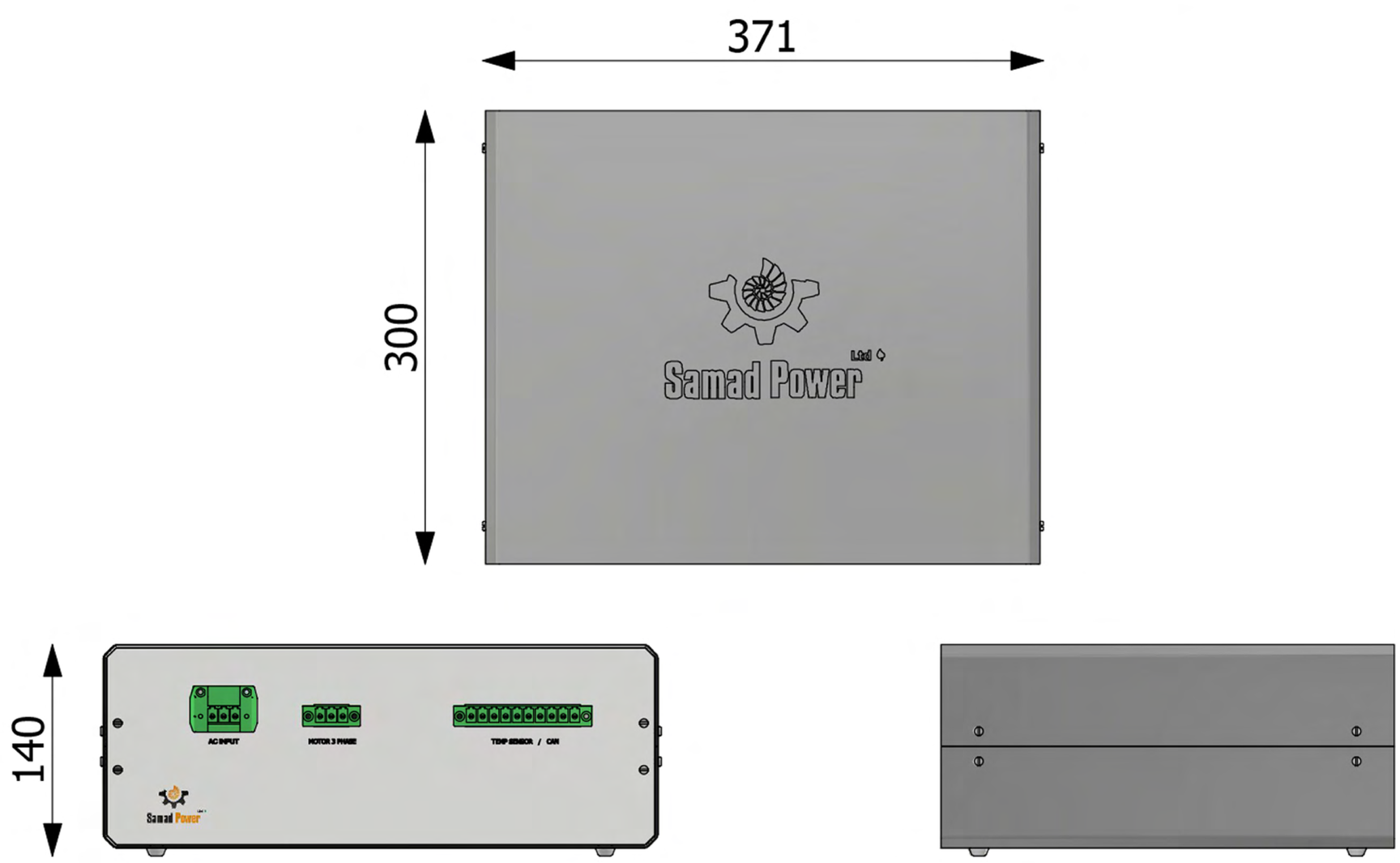
KEY FEATURES

- Sensorless speed control up to 180,000 rpm
- Maximum output power of 2.5 kW*
- Integrated drive-inverter
- Grid Tie (Bidirectional Capability)
- Variable speed control
- THD less than 3%

* Continuous powerof grid side inverter in motoring and generation

PARAMETER	DESCRIPTION
Control strategy	FOC sensorless control
Maximum output power	2,500 W
Grid voltage	230 VAC (50Hz)
Maximum motor voltage	210 V
DC Link voltage	400 VDC
Maximum frequency	3,000 Hz
Continuous current	11 Arms
Efficiency	94%
Communication interface	CAN bus
Weight	3.5 Kg
Dimensions (W x D x H)	367 x 300 x 135 mm
Operating temperature	-20 to +55 ^{0}C

Dimensions in mm



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