

# ACCESSORIES INVERTERS

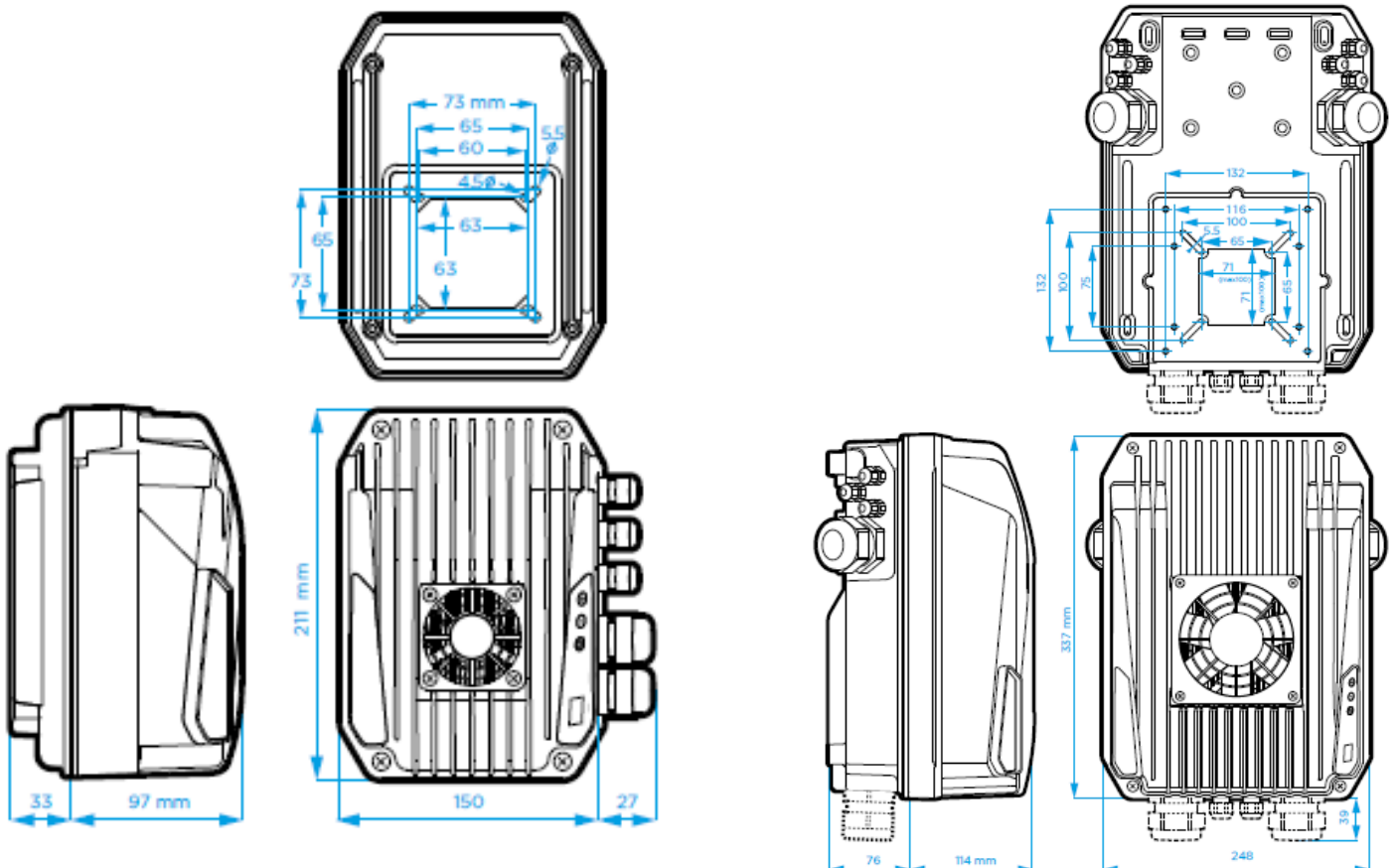
## MIDA NEXT GENERATION OF MOTOR ON-BOARD INVERTER



- SOFT START AND SOFT STOP
- MULTI-PUMP OPERATION
- OLED DISPLAY
- EMC COMPATABILITY
- BUILT-IN PROTECTIONS
- ADVANCED MOTOR CONTROLS

### OVERVIEW

The MIDA Inverters are specifically designed for pump applications. It ensures energy saving due to variable speed control, soft start and soft stop, extended system life and reliability, installation on humid and dusty environments made possible by IP66, simplified installation on motor or wall, easy and fast commissioning thanks to initial configuration wizard and high thermal and mechanical performance thanks to aluminum case and independent ventilation. ~ controlled by 4-20mA transducer, available in stainless steel or PDVF.











### DIMENSIONS

Model	Vin + 15% VAC	Max V out VAC	Max I In A	Max I Out A	P2 Motor Power *kW	Size
<b>MIDA 203</b>	1 x 230	3 x Vin	4,5	3	0,55	1
<b>MIDA 205</b>	1 x 230	3 x Vin	7,5	5	1,1	1
<b>MIDA 207</b>	1 x 230	3 x Vin	11	7,5	1,5	1
<b>MIDA 304</b>	3 x 230	3 x Vin	3,7	4	0,75	1
<b>MIDA 306</b>	3 x 230	3 x Vin	5,4	6	1,1	1
<b>MIDA 309</b>	3 x 230	3 x Vin	8	9	2,2	1
<b>MIDA 314</b>	3 x 230	3 x Vin	13,5	14	3	2
<b>MIDA 318</b>	3 x 230	3 x Vin	17,5	18	4	2
<b>MIDA 325</b>	3 x 230	3 x Vin	24	25	5,5	2
<b>MIDA 330</b>	3 x 230	3 x Vin	29	30	7,5	2
<b>MIDA 338</b>	3 x 230	3 x Vin	36,5	38	9,3	2
<b>MIDA 344</b>	3 x 230	3 x Vin	42	44	11	2
<b>MIDA 404</b>	3 x 380 - 460	3 x Vin	3,7	4	1,1	1
<b>MIDA 406</b>	3 x 380 - 460	3 x Vin	5,4	6	2,2	1
<b>MIDA 409</b>	3 x 380 - 460	3 x Vin	8	9	4	1
<b>MIDA 414</b>	3 x 380 - 460	3 x Vin	13,5	14	5,5	2
<b>MIDA 418</b>	3 x 380 - 460	3 x Vin	17,5	18	7,5	2
<b>MIDA 425</b>	3 x 380 - 460	3 x Vin	24	25	11	2
<b>MIDA 430</b>	3 x 380 - 460	3 x Vin	29	30	15	2
<b>MIDA 438</b>	3 x 380 - 460	3 x Vin	36,5	38	18,5	2
<b>MIDA 444</b>	3 x 380 - 460	3 x Vin	42	44	22	2

\* Typical motor power. It is recommended to refer to rated motor current when selecting the MIDA model.

### General Characteristics

-  Rated Frequency: 50 - 60 Hz (+/- 2%)
-  Ambient temperature: - 10 - 40°C (14 - 104 °F)
-  Max. altitude at rated current: 1000m
-  Protection degree: IP66 (NEMA 4X)
-  Settable Digital outputs N.O. or N.C.:
  - 1.** 4 - 20 mA    **3.** 0 - 10 VDC
  - 2.** 4 - 20 mA    **4.** 0 - 10 VDC
-  Analog Inputs (10 or 15 VDC):
  - 1.** 4 - 20 mA    **3.** 0 - 10 VDC
  - 2.** 4 - 20 mA    **4.** 0 - 10 VDC
-  4 digital inputs, configurable N.O or N.C. for motor run/stop.
-  RS485 MODBUS RTU, Bluetooth® SMART\* (4.0)