

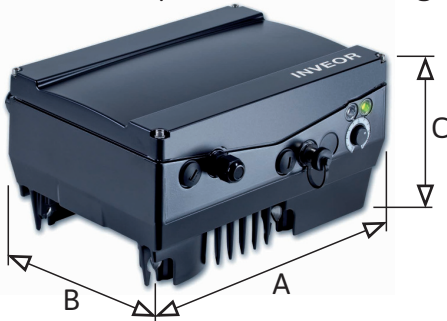
Three-phase in/ Three-phase out

| Product Code | INVEOR M | Motor rating | Supply voltage & frequency | Line current | Output current at 400V & 8kHz | Output frequency | Overload for 60sec | Switching frequency [kHz] | Protection | Price | | |
|---------------|----------|--------------|--|--------------|-------------------------------|------------------|--------------------|---------------------------|------------|----------|---------------|---------------|
| | | [kW] | | [A] | [A] | | | | | Inverter | Adaptor Plate | Mounting Cost |
| INV MA 0.55kW | Size A | 0.55 | 400-480V, 50/60Hz Voltage - 10%/+15% Frequency ±6% | 1.4 | 1.7 | 0-400 Hz | 150% | 4, 8, 16kHz (default: 8) | IP65 | £290 | £65 | £59 |
| INV MA 0.75kW | | 0.75 | | 1.9 | 2.3 | | | | | £306 | £65 | £59 |
| INV MA 1.1kW | | 1.1 | | 2.6 | 3.1 | | | | | £323 | £65 | £59 |
| INV MA 1.5kW | | 1.5 | | 3.3 | 4.0 | | | | | £339 | £65 | £59 |
| INV MB 2.2kW | Size B | 2.2 | | 4.6 | 5.6 | | | | | £417 | £65 | £59 |
| INV MB 3kW | | 3 | | 6.2 | 7.5 | | | | | £485 | £65 | £59 |
| INV MB 4kW | | 4 | | 7.9 | 9.5 | | | | | £552 | £65 | £59 |
| INV MC 5.5kW | Size C | 5.5 | | 10.8 | 13.0 | | | | | £654 | £65 | £59 |
| INV MC 7.5kW | | 7.5 | | 14.8 | 17.8 | | | | | £755 | £65 | £59 |
| INV MD 11kW | Size D | 11 | | 23.2 | 28.0 | | | | | £1,015 | £65 | £59 |
| INV MD 15kW | | 15 | | 28.2 | 34.0 | | | | | £1,128 | £65 | £59 |
| INV MD 18.5kW | | 18.5 | | 33.2 | 40.0 | | | | | £1,240 | £65 | £59 |
| INV MD 22kW | | 22 | 39.8 | 48.0 | £1,353 | £65 | £59 | | | | | |

Single-phase in/ Three-phase out (INVEOR α is a low cost version of INVEOR M)

| Product Code | INVEOR M | Motor rating | Supply voltage & frequency | Line current | Output current at 230V & 8kHz | Output frequency | Overload for 60sec | Switching frequency [kHz] | Protection | Price | | |
|---------------|----------|--------------|--|--------------|-------------------------------|------------------|--------------------|---------------------------|------------|----------|---------------|---------------|
| | | [kW] | | [A] | [A] | | | | | Inverter | Adaptor Plate | Mounting Cost |
| INV Mα 0.25kW | Size α | 0.25 | 100-230V, 50/60Hz Voltage - 10%/+15% Frequency ±6% | 4.5 | 1.4 | 0-400 Hz | 150% | 4, 8, 16kHz (default: 8) | IP65 | £168 | £20 | £59 |
| INV Mα 0.37kW | | 0.37 | | 4.5 | 2.2 | | | | | £180 | £20 | £59 |
| INV Mα 0.55kW | | 0.55 | | 5.8 | 2.7 | | | | | £191 | £20 | £59 |
| INV Mα 0.75kW | | 0.75 | | 7.3 | 3.3 | | | | | £203 | £20 | £59 |
| INV MA 0.37kW | Size A | 0.37 | | 4.5 | 2.3 | | | | | £278 | £65 | £59 |
| INV MA 0.55kW | | 0.55 | | 5.6 | 3.2 | | | | | £290 | £65 | £59 |
| INV MA 0.75kW | | 0.75 | | 6.9 | 3.9 | | | | | £306 | £65 | £59 |
| INV MA 1.1kW | | 1.1 | | 9.2 | 5.2 | | | | | £323 | £65 | £59 |

Robust and compact die-cast housing



| Dimensions | A | B | C | Weight |
|------------|-----|-----|-----|---------|
| Size A | 233 | 153 | 120 | 3.9 kg |
| Size B | 270 | 189 | 140 | 5.0 kg |
| Size C | 307 | 223 | 181 | 8.7 kg |
| Size D | 414 | 294 | 232 | 21.0 kg |

Adaptor plate suits MEZ electric motors

| P Code | Accessory | Price |
|----------|---|--------|
| 10023950 | Cable for parameter setting from PC | £87 |
| 10004768 | Keypad MMI | £87 |
| 43300002 | Profibus, Ethercat, etc connection for INVEOR 0.37kW - 7.5 kW | T.B.A. |

Ambient Temperature: -25°C to +50°C

Detection and Protection:

Undervoltage, Overvoltage, I²t limitation, Short Connection, Motor Temperature, Inverter Temperature, Stall protection

Certification and conformity: CE, UL and CSA

EMC:

Three-phase Inverters - In compliance with ISO EN 61800-3, class C2
Single-phase Inverters - In compliance with ISO EN 61800-3, class C1



- Vector control
- High temperature and vibration resistant
- DC input available
- Integrated Soft-PLC in accordance with ISO EN 61131-3
- PC software with integrated oscilloscope function
- Optional fieldbus systems (CANopen, Profibus, EtherCAT)
- Handheld controller with full text display available
- Integrated foil keypad available as an option
- Pumps & fans operation with power saving function

Wall mounting available (when Wall Mounting Adapter Plate is utilised) which makes IP65 (IP55) Inverter available at affordable price.

