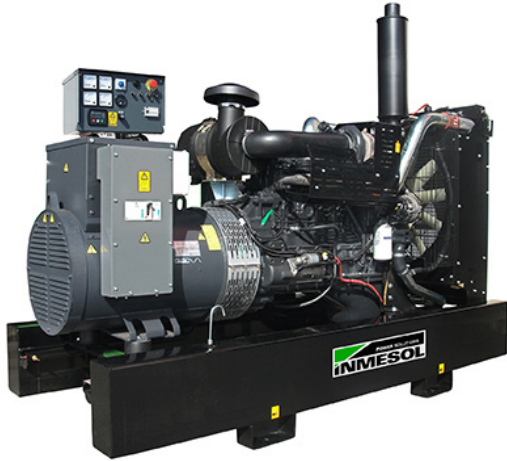


# INMESOL AI-275 (OPEN) / II-275 (CLOSED)



## GENERAL SET DATA

|                         |               |
|-------------------------|---------------|
| ENGINE REF:             | CURSOR C87TE3 |
| ALTERNATOR REF:         | UCDI274       |
| STANDARD CONTROL PANEL: | DSE 3110      |
| OPTIONAL CONTROL PANEL: | DSE 334       |

## OUTPUT

|                |         |
|----------------|---------|
| FREQUENCY:     | 50 hz   |
| VOLTAGE:       | 400/230 |
| PRIME POWER:   | 250 kVA |
| STANDBY POWER: | 275 kVA |

## DIMENSIONS

### OPEN MODEL (AI-275)

|                     |         |
|---------------------|---------|
| LENGTH:             | 3000 mm |
| WIDTH:              | 1300 mm |
| HEIGHT:             | 2063 mm |
| DRY WEIGHT:         | 2620 Kg |
| FUEL TANK CAPACITY: | 500 L   |

### CLOSED MODEL (II-275)

|                          |         |
|--------------------------|---------|
| LENGTH:                  | 3600 mm |
| WIDTH:                   | 1350 mm |
| HEIGHT:                  | 2040 mm |
| DRY WEIGHT:              | 3018 Kg |
| FUEL TANK CAPACITY:      | 360 L   |
| ACOUSTIC PRESSURE AT 1M: | -       |
| ACOUSTIC PRESSURE AT 7M: | 72 dB   |

# INMESOL AI-275 (OPEN) II-275 (CLOSED)

## TECHNICAL DATA

### GENERAL ENGINE DATA

|                      |                        |
|----------------------|------------------------|
| MANUFACTURER:        | FPT                    |
| MODEL REF:           | CURSOR C87TE3          |
| SPEED:               | 1500 RPM               |
| POWER PRP:           | 229 kWm                |
| POWER LTP:           | 249 kWm                |
| NUMBER OF CYLINDERS: | 6                      |
| DISPLACEMENT:        | 8.7 L                  |
| BORE:                | 117 mm                 |
| STROKE:              | 135 mm                 |
| COMPRESSION RATIO:   | 15.9                   |
| COOLING SYSTEM:      | LIQUID                 |
| AIR INLET SYSTEM:    | TURBO-INTERC.          |
| OIL CAPACITY:        | 28 L                   |
| EXHAUST GAS TEMP:    | 488 °C                 |
| EXHAUST GAS FLOW:    | 3322 m <sup>3</sup> /h |

### ALTERNATOR DATA

|                           |                    |
|---------------------------|--------------------|
| ALTERNATOR REF:           | STAMFORD UC DI274K |
| INSULATION CLASS:         | H                  |
| INDICATION OF PROTECTION: | IP23               |

### FUEL

|                      |           |
|----------------------|-----------|
| CONSUMPTION AT 100%: | 58 L/hr   |
| CONSUMPTION AT 75%:  | 47 L/hr   |
| CONSUMPTION AT 50%:  | 31.3 L/hr |

### TERMS & CONDITIONS

Inmesol power GENSET sets comply with European legislation and were given the CE marking. It also complies with International Legislation and Regulations, "Technical Regulation on Safety of Machinery & Equipment" No. 753, repealing GOST R standards for exports to Russia. Resolution 90708 dated August 30th 2013 "Reglamento Tecnico de Instalaciones Electricas RETIE" issues by the Ministry of Mining and Energy Section 20.21 Engines and power generators, for exports to Colombia.