

# INMESOL AV-275 (OPEN) / IV-275 (CLOSED)



## GENERAL SET DATA

ENGINE REF:	TAD 734GE
ALTERNATOR REF:	UCDI274K
STANDARD CONTROL PANEL:	DSE 7310
OPTIONAL CONTROL PANEL:	-

## OUTPUT

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

## DIMENSIONS

### OPEN MODEL (AV-275)

LENGTH:	3000 mm
WIDTH:	1200 mm
HEIGHT:	1834 mm
DRY WEIGHT:	2050 Kg
FUEL TANK CAPACITY:	450 L

### CLOSED MODEL (IV-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 AV-275 (OPEN) IV-275 (CLOSED)

## TECHNICAL DATA

### GENERAL ENGINE DATA

MANUFACTURER:	VOLVO
MODEL REF:	TAD 734GE
SPEED:	1500 RPM
POWER PRP:	217 kWm
POWER LTP:	241 kWm
NUMBER OF CYLINDERS:	6
DISPLACEMENT:	7.15 L
BORE:	108 mm
STROKE:	130 mm
COMPRESSION RATIO:	17
COOLING SYSTEM:	LIQUID
AIR INLET SYSTEM:	TURBO-INTERC
OIL CAPACITY:	29 L
EXHAUST GAS TEMP:	495 °C
EXHAUST GAS FLOW:	1980 m <sup>3</sup> /h

### ALTERNATOR DATA

ALTERNATOR REF:	STAMFORD UCDI274
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

### FUEL

CONSUMPTION AT 100%:	52 L/hr
CONSUMPTION AT 75%:	42 L/hr
CONSUMPTION AT 50%:	30 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.