

# INMESOL AV-165 (OPEN) / IV-165 (CLOSED)



## GENERAL SET DATA

ENGINE REF:	TAD 731GE
ALTERNATOR REF:	ECP 34-2L/4
STANDARD CONTROL PANEL:	DSE 3110
OPTIONAL CONTROL PANEL:	DSE 334

## OUTPUT

FREQUENCY:	50 hz
VOLTAGE:	400/230
PRIME POWER:	150 kVA
STANDBY POWER:	165 kVA

## DIMENSIONS

### OPEN MODEL (AV-165)

LENGTH:	2500 mm
WIDTH:	1035 mm
HEIGHT:	1683 mm
DRY WEIGHT:	1580 Kg
FUEL TANK CAPACITY:	236 L

### CLOSED MODEL (IV-165)

LENGTH:	2950 mm
WIDTH:	1100 mm
HEIGHT:	1759 mm
DRY WEIGHT:	2180 Kg
FUEL TANK CAPACITY:	220 L
ACOUSTIC PRESSURE AT 1M:	-
ACOUSTIC PRESSURE AT 7M:	72 dB

# INMESOL AV-165 (OPEN) IV-165 (CLOSED)

## TECHNICAL DATA

### GENERAL ENGINE DATA

MANUFACTURER:	VOLVO
MODEL REF:	TAD 731GE
SPEED:	1500 RPM
POWER PRP:	133 kWm
POWER LTP:	148 kWm
NUMBER OF CYLINDERS:	6
DISPLACEMENT:	7.15 L
BORE:	108 mm
STROKE:	130 mm
COMPRESSION RATIO:	18
COOLING SYSTEM:	LIQUID
AIR INLET SYSTEM:	TURBO-INTERC
OIL CAPACITY:	20 L
EXHAUST GAS TEMP:	520 °C
EXHAUST GAS FLOW:	1650 m <sup>3</sup> /h

### ALTERNATOR DATA

ALTERNATOR REF:	MECC-ALTE ECP 34-2L/4
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

### FUEL

CONSUMPTION AT 100%:	34 L/hr
CONSUMPTION AT 75%:	26 L/hr
CONSUMPTION AT 50%:	18 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.