

# INMESOL AK-030 (OPEN) / IK-030 (CLOSED)



## GENERAL SET DATA

ENGINE REF:	KDI2504M
ALTERNATOR REF:	ECP 28-VL/4
STANDARD CONTROL PANEL:	DSE 3110
OPTIONAL CONTROL PANEL:	DSE 334

## OUTPUT

FREQUENCY:	50 hz
VOLTAGE:	400/230
PRIME POWER:	27 kVA
STANDBY POWER:	30 kVA

## DIMENSIONS

### OPEN MODEL (AK-030)

LENGTH:	1700 mm
WIDTH:	730 mm
HEIGHT:	1633 mm
DRY WEIGHT:	590 Kg
FUEL TANK CAPACITY:	105 L

### CLOSED MODEL (IK-030)

LENGTH:	2000 mm
WIDTH:	950 mm
HEIGHT:	1253 mm
DRY WEIGHT:	950 Kg
FUEL TANK CAPACITY:	85 L
ACOUSTIC PRESSURE AT 1M:	-
ACOUSTIC PRESSURE AT 7M:	-

# INMESOL AK-030 (OPEN) IK-030 (CLOSED)

## TECHNICAL DATA

### GENERAL ENGINE DATA

MANUFACTURER:	KOHLER
MODEL REF:	KDI2504M
SPEED:	1500 RPM
POWER PRP:	23.1 kWm
POWER LTP:	25.4 kWm
NUMBER OF CYLINDERS:	4
DISPLACEMENT:	2.482 L
BORE:	88 mm
STROKE:	102 mm
COMPRESSION RATIO:	-
COOLING SYSTEM:	LIQUID
AIR INLET SYSTEM:	NATURAL
OIL CAPACITY:	11.5 L
EXHAUST GAS TEMP:	520 °C
EXHAUST GAS FLOW:	116 m <sup>3</sup> /h

### ALTERNATOR DATA

ALTERNATOR REF:	MECC-ALTE ECP 28-VL/4
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

### FUEL

CONSUMPTION AT 100%:	6.2 L/hr
CONSUMPTION AT 75%:	4.7 L/hr
CONSUMPTION AT 50%:	3.2 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.