

# INMESOL AI-550 (OPEN) / II-550 (CLOSED)



## GENERAL SET DATA

ENGINE REF:	C13TE7
ALTERNATOR REF:	ECO 40-3SN/4
STANDARD CONTROL PANEL:	DSE 3110
OPTIONAL CONTROL PANEL:	DSE 334

## OUTPUT

FREQUENCY:	50 hz
VOLTAGE:	400/230
PRIME POWER:	500 kVA
STANDBY POWER:	550 kVA

## DIMENSIONS

### OPEN MODEL (AI-550)

LENGTH:	3490 mm
WIDTH:	1300 mm
HEIGHT:	2097 mm
DRY WEIGHT:	-
FUEL TANK CAPACITY:	558 L

### CLOSED MODEL (II-550)

LENGTH:	4200 mm
WIDTH:	1600 mm
HEIGHT:	2245 mm
DRY WEIGHT:	4900 Kg
FUEL TANK CAPACITY:	534 L
ACOUSTIC PRESSURE AT 1M:	-
ACOUSTIC PRESSURE AT 7M:	-

# INMESOL AI-550 (OPEN) II-550 (CLOSED)

## TECHNICAL DATA

### GENERAL ENGINE DATA

MANUFACTURER:	FPT
MODEL REF:	C13TE7
SPEED:	1500 RPM
POWER PRP:	415 kWm
POWER LTP:	459 kWm
NUMBER OF CYLINDERS:	6
DISPLACEMENT:	12.9 L
BORE:	135 mm
STROKE:	150 mm
COMPRESSION RATIO:	-
COOLING SYSTEM:	LIQUID
AIR INLET SYSTEM:	TURBO-INTERC
OIL CAPACITY:	32 L
EXHAUST GAS TEMP:	520 °C
EXHAUST GAS FLOW:	2027 m <sup>3</sup> /h

### ALTERNATOR DATA

ALTERNATOR REF:	MECC-ALTE ECO 40-3SN/4
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP21

### FUEL

CONSUMPTION AT 100%:	100.6 L/hr
CONSUMPTION AT 75%:	80.2 L/hr
CONSUMPTION AT 50%:	51.5 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.