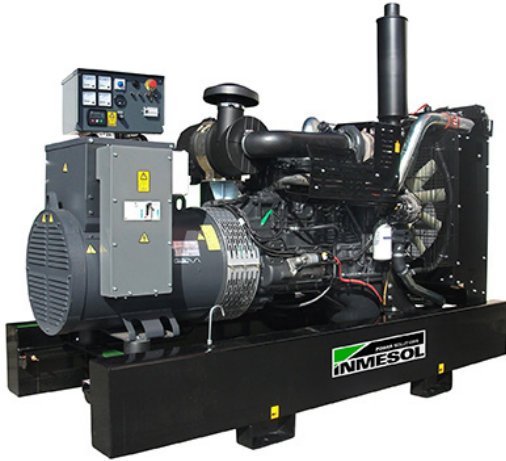


# INMESOL AI-440 (OPEN) / II-440 (CLOSED)



## GENERAL SET DATA

ENGINE REF:	C13TE3A
ALTERNATOR REF:	HCI444F
STANDARD CONTROL PANEL:	DSE 3110
OPTIONAL CONTROL PANEL:	DSE 334

## OUTPUT

FREQUENCY:	50 hz
VOLTAGE:	400/230
PRIME POWER:	400 kVA
STANDBY POWER:	440 kVA

## DIMENSIONS

### OPEN MODEL (AI-440)

LENGTH:	3000 mm
WIDTH:	1300 mm
HEIGHT:	2255 mm
DRY WEIGHT:	3040 Kg
FUEL TANK CAPACITY:	500 L

### CLOSED MODEL (II-440)

LENGTH:	4200 mm
WIDTH:	1600 mm
HEIGHT:	2245 mm
DRY WEIGHT:	4780 Kg
FUEL TANK CAPACITY:	534 L
ACOUSTIC PRESSURE AT 1M:	-
ACOUSTIC PRESSURE AT 7M:	72 dB

# INMESOL AI-440 (OPEN) II-440 (CLOSED)

## TECHNICAL DATA

### GENERAL ENGINE DATA

MANUFACTURER:	FPT
MODEL REF:	C13TE3A
SPEED:	1500 RPM
POWER PRP:	352 kWm
POWER LTP:	387 kWm
NUMBER OF CYLINDERS:	6
DISPLACEMENT:	12.9 L
BORE:	135 mm
STROKE:	150 mm
COMPRESSION RATIO:	16.5
COOLING SYSTEM:	LIQUID
AIR INLET SYSTEM:	TURBO
OIL CAPACITY:	35 L
EXHAUST GAS TEMP:	445 °C
EXHAUST GAS FLOW:	4911 m <sup>3</sup> /h

### ALTERNATOR DATA

ALTERNATOR REF:	STAMFORD HCI444F
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

### FUEL

CONSUMPTION AT 100%:	98.5 L/hr
CONSUMPTION AT 75%:	72.5 L/hr
CONSUMPTION AT 50%:	48.6 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.