

INMESOL AV-500 (OPEN) / IV-500 (CLOSED)



GENERAL SET DATA

ENGINE REF:	TAD 1345GE
ALTERNATOR REF:	HCI544C
STANDARD CONTROL PANEL:	DSE 7310
OPTIONAL CONTROL PANEL:	-

OUTPUT

FREQUENCY:	50 hz
VOLTAGE:	400/230
PRIME POWER:	454 kVA
STANDBY POWER:	505 kVA

DIMENSIONS

OPEN MODEL (AV-500)

LENGTH:	3000 mm
WIDTH:	1200 mm
HEIGHT:	2111 mm
DRY WEIGHT:	3180 Kg
FUEL TANK CAPACITY:	558 L

CLOSED MODEL (IV-500)

LENGTH:	4200 mm
WIDTH:	1600 mm
HEIGHT:	2245 mm
DRY WEIGHT:	4660 Kg
FUEL TANK CAPACITY:	534 L
ACOUSTIC PRESSURE AT 1M:	-
ACOUSTIC PRESSURE AT 7M:	72 dB

INMESOL AV-500 (OPEN) IV-500 (CLOSED)

TECHNICAL DATA

GENERAL ENGINE DATA

MANUFACTURER:	VOLVO
MODEL REF:	TAD 1345GE
SPEED:	1500 RPM
POWER PRP:	388 kWm
POWER LTP:	431 kWm
NUMBER OF CYLINDERS:	6
DISPLACEMENT:	12.78 L
BORE:	131 mm
STROKE:	158 mm
COMPRESSION RATIO:	18.1
COOLING SYSTEM:	LIQUID
AIR INLET SYSTEM:	TURBO-INTERC
OIL CAPACITY:	36 L
EXHAUST GAS TEMP:	477 °C
EXHAUST GAS FLOW:	4620 m ³ /h

ALTERNATOR DATA

ALTERNATOR REF:	STAMFORD HCI544C
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

FUEL

CONSUMPTION AT 100%:	92 L/hr
CONSUMPTION AT 75%:	69 L/hr
CONSUMPTION AT 50%:	47 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.