

IVV85S - VOLVO - TAD 530 GE

## TECHNICAL SPECIFICATIONS

Model:

**IVV85S**

Generator set with manual or automatic control panel.



Image for guidance purposes.

ENGINE	MAKE	MODEL
	VOLVO	TAD 530 GE
ALTERNATOR	MODEL	
	ECP 34-1S / 4	

CONTINUOUS POWER:  
(PRP "Prime Power" norma ISO 8528-1) **85 kVA**

STAND-BY POWER:  
(LTP "Limited Time Power" norma ISO 8528-1) **95 kVA**

### Amperes in the different voltages:

VOLTAGE	HZ	PHASE	COS Ø	PRP KVA/KW	LTP KVA/KW	AMPERAGE
415/240	50	3	0,8	84,64/68	93,5/75	130,23
400/230	50	3	0,8	84,64/68	93,5/75	135,12
380/220	50	3	0,8	84,64/68	93,5/75	142,23
240/139	50	3	0,8	84,64/68	93,5/75	225,19
230/133	50	3	0,8	84,64/68	93,5/75	234,98
220/127	50	3	0,8	84,64/68	93,5/75	245,66



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## IVV85S - VOLVO - TAD 530 GE

# ENGINE CHARACTERISTICS

MAKE	MODEL
VOLVO	TAD 530 GE

## GENERAL DATA

Power PRP (kWm)	74
Power LTP (kWm)	83
No. cylinders	4
Cylinder capacity (L)	4.76
Diameter per stroke (mm)	108 x 130
Compression ratio	18
Cooling system	LIQUID
Injection	DIRECT
Suction	-
Series regulator	MECHANICAL
Steering wheel coupling	2

## Lubrication system

Oil capacity (L)	13
Oil consumption (%)	0.41
Min. alarm oil pressure (bar)	2

## Ventilation system

Air cooling flow (m3/h)	7200
Combustion air flow (m3/h)	307.20
Max. back pressure for fan (mbar)	0

## Exhaust system

Exhaust gas flow (m3/h)	894
Exhaust back pressure (mbar)	50
Temp. exhaust gases (°C)	527

## Electrical system

VDC (V)	12
Battery (Ah)	96
Engine start-up (kW)	3.10

**IVV85S - VOLVO - TAD 530 GE**

**1.500 R.P.M. | 50 Hz**

## ALTERNATOR CHARACTERISTICS

### MODEL

MECC-ALTE ECP 34-1S / 4 (400 / 230 V)

### GENERAL DATA

Power PRP (kVA)	85
Power LTP (kVA)	93.50
Efficiency Alt. 3/4 %	91.90
Efficiency Alt. 4/4 %	91.50
No. Poles	4
Voltage regulator	DSR
No. wires	12
Insulation	H
Xd (%)	325
X'd (%)	22.30
X	7.40
Degree of protection	IP21

## GENERATOR SET CONSUMPTION

% POWER USED	LITRES/HOUR
50%	10
75%	15
100%	19

## DIMENSIONS, CAPACITIES AND APPROXIMATE WEIGHT

LENGTH	DIMENSIONS (MM)	
	WIDTH	HEIGHT
2950	1100	1759
FUEL TANK (LITRES)		
220.00		
WEIGHT (KG)		
-		

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## INMESOL GENERATOR SET

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### GENERAL DESCRIPTION

The “INMESOL” generator set is an electrical energy generating machine which is used in places where there **is no mains supply** or when there is a MAINS failure.

The mobile elements, distribution belt, fan, etc., and those parts which reach high temperatures during operation, exhaust manifold, etc, include their corresponding protections, in compliance with the requirements of the Machinery Directive **2006/42**.

### REGULATIONS

The machine holds the “CE” marking, and the corresponding Declaration of Conformity is issued with each of them, in which it specifies that the machine complies with **R.D 842/2002 Low Voltage Regulations and with the European Directives:**

- 2006/42 on Safety in Machinery.
- 2006/95/CE on Electrical Safety.
- 2004/108/CE on Electromagnetic Compatibility.
- 2005/88/CE on NOISE EMISSIONS by equipment for outdoor use (for SOUNDPROOF GENERATOR SETS).

## SOUNDPROOFED GENERATOR SETS

### DSE 3110 MANUAL CONTROL PANEL

## DSE 3110 MANUAL CONTROL PANEL

MANUAL CONTROL, PROTECTION AND DISTRIBUTION panel, assembled on the generator set in metal cabinet with a DSE 3110 engine protection unit.



Image for guidance purposes.

CONTACT US FOR DETAILED DATA SHEETS AND OTHER CONTROL PANEL OPTIONS



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## SOUNDPROOFED GENERATOR SETS

### DSE 6020 AUTOMATIC CONTROL PANEL

## DSE 6020 AUTOMATIC CONTROL PANEL

PROTECTION, DISTRIBUTION AND AUTOMATIC CONTROL panel which starts the generator set when it detects a mains failure and stops it when the mains is restored with the control unit DSE 6020. It also starts and stops the group manually via a pushbutton or remote start-up by contact

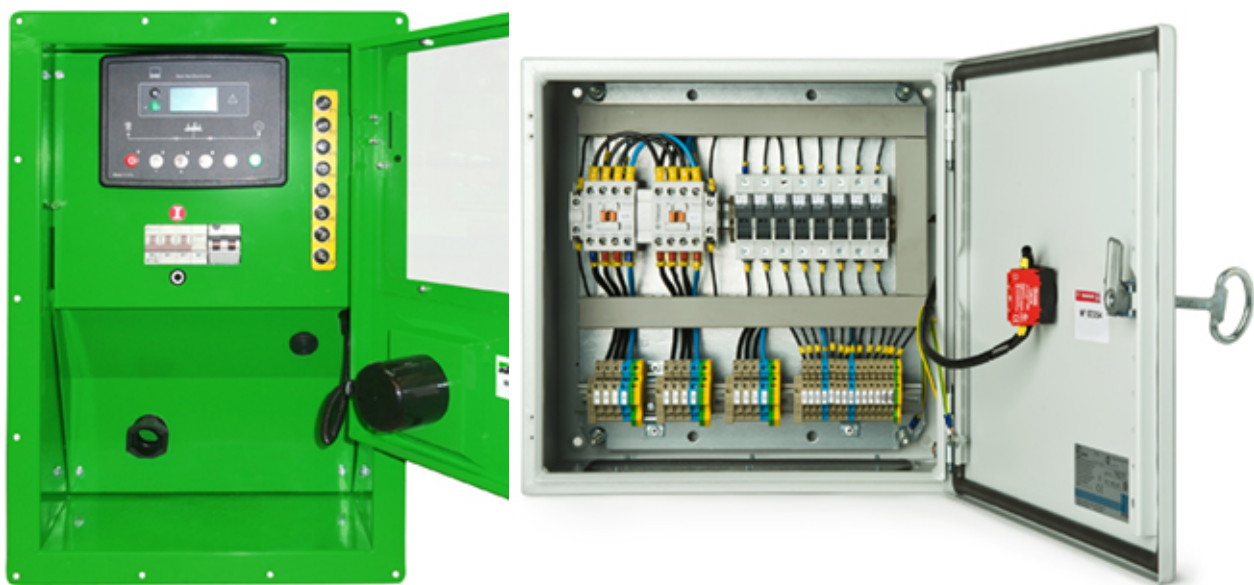


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