

GENERATOR SET - EDV 140 – Open Set

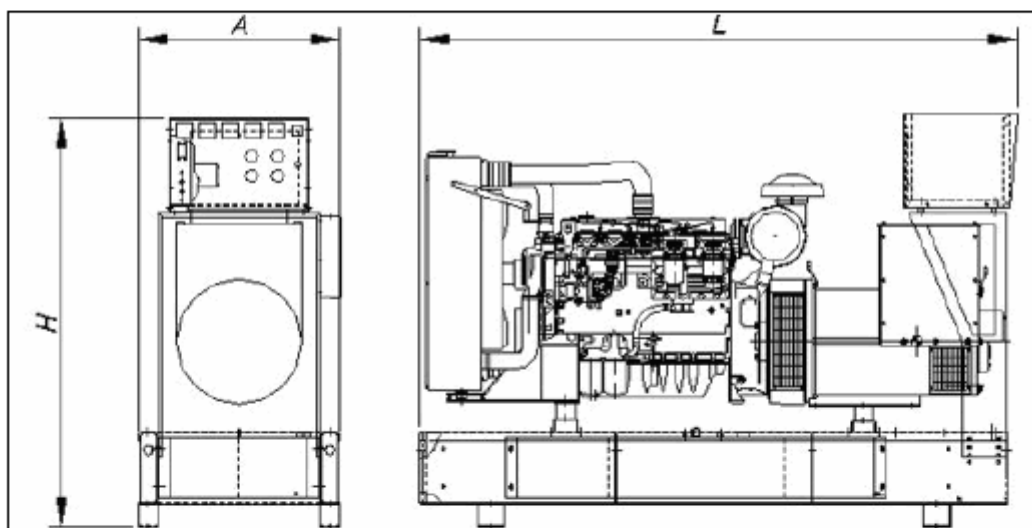
Technical Card

Technical information

PRP Power (kVA)	131
Standby Power (kVA)	146
PRP Power (kW)	104,8
Standby Power (kW)	116,8
Model	STATIONARY WITHOUT CANOPY

Weight and Dimensions (mm)

Length (L)	2490
Width (A)	850
Height (H)	1882,5
Weight (kg)	1469
Fuel tank capacity (l)	264



Consumption

	PRP Power		Standby Power	
	L/h	Range (hours)	L/h	Range (hours)
25%	7,5	35,2	7,9	33,4
50%	13,3	19,8	14,6	18,1
75%	19,7	13,4	21,8	12,1
100%	26,7	9,9	30	8,8

Engine

Brand	VOLVO
Model	TAD 532 GE
Electronic Management	✓
No. of cylinders	4
Engine Capacity (c.c.)	4760
Bore (mm)	108
Stroke (mm)	130
Compression ratio	17.5:1
Water cooled	✓
Speed (r.p.m.)	1500
Preheating system	✓
Fuel tank capacity (l)	264

Cooling System

Flow of air from fan (m3/min)	180
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Lubrication System

Oil sump capacity (l)	13
Maximum oil consumption (% fuel consumption)	0,3

Air intake system

Aspirated air flow (m3/min)	8,03
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Electrical system

Battery/ies	12V 180 Ah.
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Exhaust System

Input diameter (")	3
Output diameter (")	3,3
Exhaust diameter (mm)	154
Exhaust length (mm)	770
T ³ gas emission (°C)	532
Gas flow (m3/min)	23,2

Alternator

Model	UCI 274 E1
Electronic Regulation	✓
AVR	SX460
Power (kVA)	150

Electric Panel

Measuring Instruments

Voltmeter	1
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Control Instruments

Control Card	DEEP SEA 5320 RS485
Auto Start-up. mains failure	✓
Manual start-up	✓
Remote start-up	✓

Alarms

Start-up failure	✓
Battery charge failure	✓
Low oil pressure	✓
High engine water temperature	✓
Low Fuel Level	✓

Electric Panel

Low Radiator water level	✓
Emergency Stop	✓
Overspeed	✓

Standby Gen-sets

3-phase tracking card	✓
Battery charger maintainer	✓
Voltmeter, switch: PHASE-MAINS-GENSET	✓
Auto/Manual Function	✓
LED indicators MAINS/GENSET switch	✓
Remote control software	✓
RS 485 communication port	✓

Protection Devices

Emergency stop button	✓
Circuit breaker	4P 10A
ATS	4P 200A