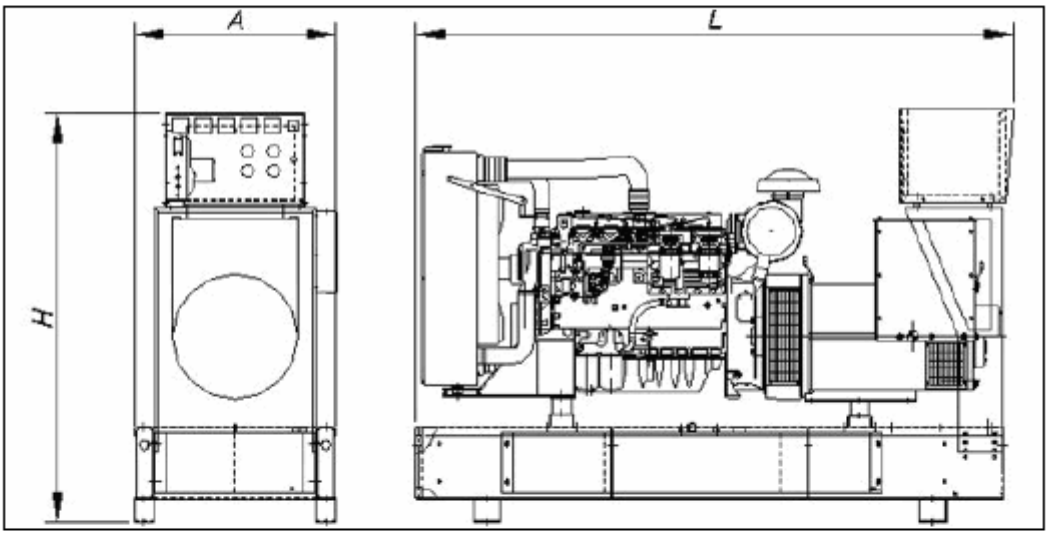
GENERATOR SET - EDP 50 – Open Set

Technical Card

Technical information

PRP Power (kVA)	45
Standby Power (kVA)	49,6
PRP Power (kW)	36
Standby Power (kW)	39,68
Model	STATIONARY WITHOUT CANOPY
Weight and Dimensions (mm)	
Length (L)	1965
Width (A)	800
Height (H)	1732,5
Weight (kg)	888
Fuel tank capacity (l)	152



Consumption

	PRP Power		Standby Power	
	L/h	Range (hours)	L/h	Range (hours)
25%	3,2	47,5	0	0
50%	5,6	27,1	0	0
75%	8	19	0	0
100%	10,5	14,5	11,8	12,9

Engine

Brand	PERKINS
Model	1103C-33TG3
No. of cylinders	3
Engine Capacity (c.c.)	3300
Bore (mm)	105
Stroke (mm)	127
Compression ratio	18,2:1
Water cooled	✔
Speed (r.p.m.)	1500
Preheating system	✔
Fuel tank capacity (l)	152
Lubrication System	
Oil sump capacity (l)	7,4
Maximum oil consumption (% fuel consumption)	0,2
Electrical system	
Battery/ies	12V 75 Ah.
Exhaust System	
Input diameter (")	2,5
Output diameter (")	2,5
Exhaust diameter (mm)	129
Exhaust length (mm)	755

Alternator

Model	UCI 224 D1
Electronic Regulation	✔
AVR	SX460
Power (kVA)	55

Electric Panel

Measuring Instruments	
Voltmeter	1
Control Instruments	
Control Card	DEEP SEA 5220 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	✔
Low Radiator water level	✔
Emergency Stop	✔
Overspeed	✔
Standby Gen-sets	
3-phase tracking card	✔
Battery charger maintainer	✔
Voltmeter. switch: PHASE-MAINS-GENSET	✔

Electric Panel

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 125A**