



DPS 100

Voltage (V): 400/230
 For other voltages: Please consult
 Frequency (Hz): 50
SOUNDPROOFED
CONTROL CARD (START)



Technical Data Sheet

Technical information

PRP Power (kVA)	104,8
Standby Power (kVA)	115,6
PRP Power (kW)	83,8
Standby Power (kW)	92,5
Mechanical Structure	SOUNDPROOFED

Standard supply

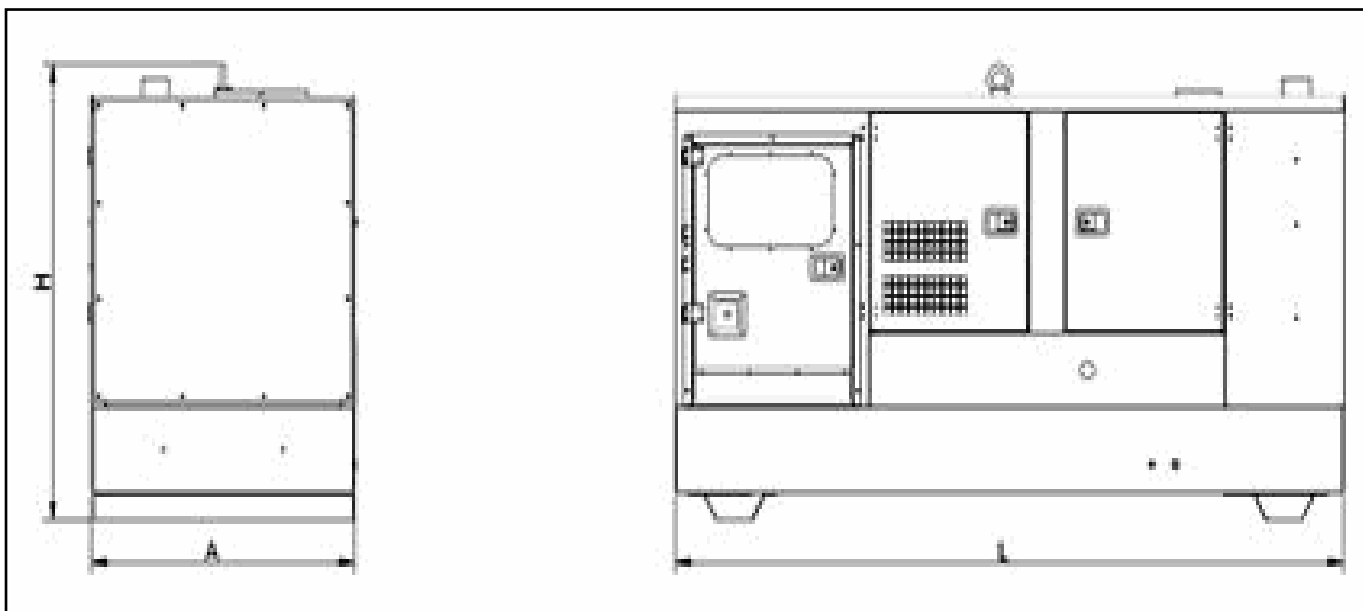
Galvanised soundproofed canopy	✓
Easy access tank	✓
Cleaning hatch in fuel tank	✓

Weight and Dimensions (mm)

Length (L)	2800
Width (A)	1100
Height (H)	1585
Weight (kg)	1715
Fuel tank capacity (l)	178

Noise Level

Acoustic pressure [LpA] (dBA @7m)	68
Acoustic power [LwA] (dBA)	94



Consumption

	PRP Power		Standby Power	
	L/h	Range (hours)	L/h	Range (hours)
25%	0	0	0	0
50%	13,2	13,5	0	0
75%	19,8	9	21,6	8,2
100%	24,5	7,3	26,5	6,7

Engine

Brand	PERKINS
Model	1104D-E44TAG2
Electronic Management	✓
No. of cylinders	4
Engine Capacity (c.c.)	4400
Bore (mm)	105
Stroke (mm)	127
Compression ratio	16,2:1
Water cooled	✓
Speed (r.p.m.)	1500
Mechanical Net Power (kWm)	92,1

Cooling System

Flow of air from fan (m3/min)	151,8
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Lubrication System

Oil sump capacity (l)	8
Maximum oil consumption (% fuel consumption)	0,15

Air intake system

Aspirated air flow (m3/min)	6,42
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Electrical system

Number of batteries	2
Battery	12V 60 Ah. 680 A

Exhaust System

Input diameter (")	3
Output diameter (")	4,5
Body diameter (mm)	380
Exhaust length (mm)	1.310
T ^a gas emission (°C)	480
Gas flow (m3/min)	15,99

Alternator

Model	LSA 44.2 VS45
Electronic Regulation	✓
AVR	R 250
Power (kVA)	105
Alternator Power Class	Continua (H)

Electric Panel**Measuring Instruments**

Fuel gauge	✓
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Electric Panel

Control Instruments

Control Card	DEEP SEA 7310
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

Auto/Manual Function	✓
Remote control software	✓
RS 232 communication port	✓
RS 485 communication port	✓

Protection Devices

Emergency stop button	✓
Earth Leakage Protection	✓
Circuit breaker	4P 160A R

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