



DTS 500

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



Technical Data Sheet

Technical information

PRP Power (kVA)	500
Standby Power (kVA)	558,475
PRP Power (kW)	400
Standby Power (kW)	446,78
Mechanical Structure	SOUNDPROOFED

Standard supply

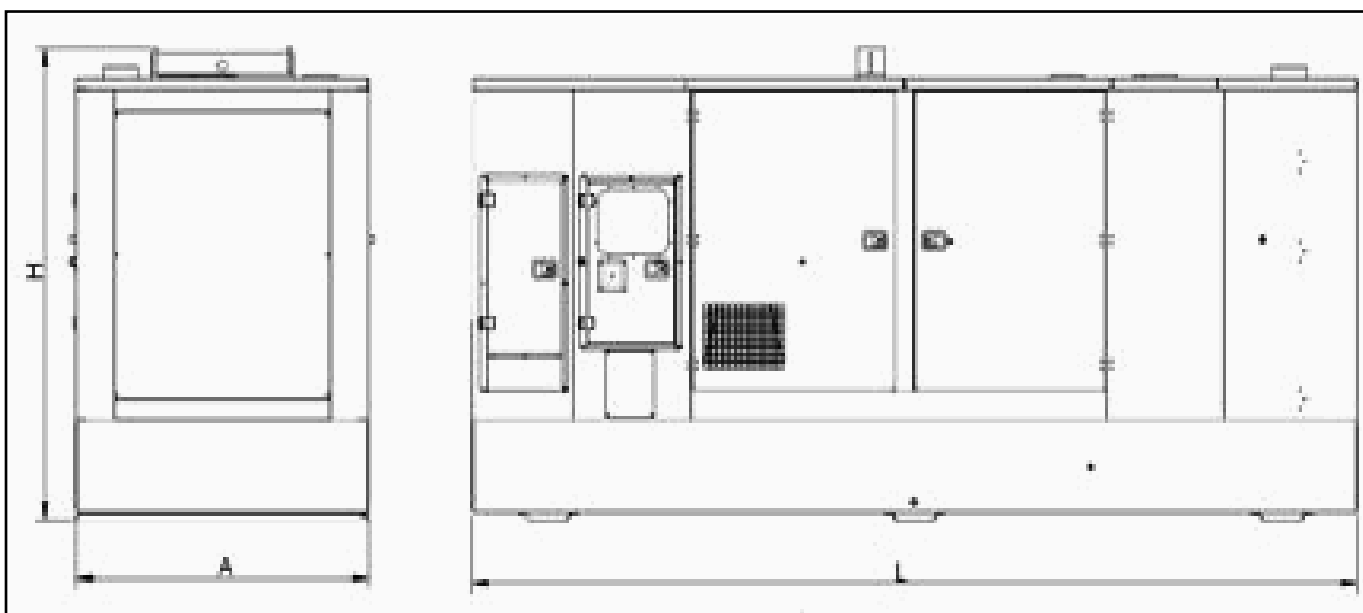
Fuel filter high performance	✓
Galvanised soundproofed canopy	✓

Weight and Dimensions (mm)

Length (L)	5000
Width (A)	1650
Height (H)	2300
Weight (kg)	5937
Fuel tank capacity (l)	685

Noise Level

Acoustic pressure [LpA] (dBA @7m)	68
Acoustic power [LwA] (dBA)	98



Consumption

	PRP Power		Standby Power	
	L/h	Range (hours)	L/h	Range (hours)
25%	32,4	21,1	36,39	18,8
50%	62,13	11	68,08	10,1
75%	88,4	7,7	95,96	7,1
100%	111,47	6,1	120,32	5,7

Engine

Brand	MTU
Model	10V 1600 G20/80
Electronic Management	✓
No. of cylinders	10
Engine Capacity (c.c.)	17500
Bore (mm)	122
Stroke (mm)	150
Compression ratio	17,5:1
Water cooled	✓
Speed (r.p.m.)	1500
Mechanical Net Power (kWm)	430,3

Cooling System

Flow of air from fan (m3/min)	654
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Lubrication System

Oil sump capacity (l)	53
Maximum oil consumption (% fuel consumption)	0,5

Air intake system

Aspirated air flow (m3/min)	27
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Electrical system

Number of batteries	2
Battery	12V 44Ah-730A

Exhaust System

Input diameter (")	6
Output diameter (")	7,6
Body diameter (mm)	611
Exhaust length (mm)	1.350
T ^a gas emission (°C)	520
Gas flow (m3/min)	75

Alternator

Model	LSA 47.2 M7
Electronic Regulation	✓
AVR	R 450
Power (kVA)	500
Alternator Power Class	Continua (H)

Electric Panel**Measuring Instruments**

Voltmeter	1
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Electric Panel

Ammeter	3
Frequency meter	1
Hour meter	✓
Fuel gauge	✓

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 800A R

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