

powertechnique

PT(S)90

Voltage (V): **400/230**

Frequency (Hz): **50**

STATIONARY WITH CANOPY

AUTOMATIC WITH ATS

Technical Information

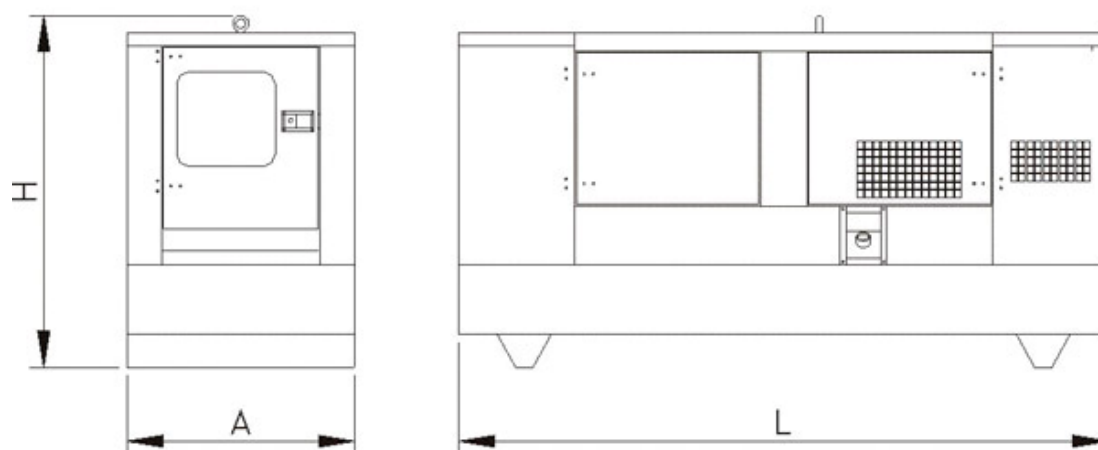
PRP Power (Kva)	80
Standby Power	88
PRP Power (Kw)	64
Standby Power (Kw)	70.4
Model	STATIONARY WITH CANOPY

Weight and Dimensions (mm)

Length (L)	2800
Width (W)	980
Height (H)	1535
Weight (kg)	1621
Fuel tank capacity (l)	155

Noise Level

Acoustic pressure [LpA] (Dba)	66
Acoustic power [LwA] (Dba)	94



Consumption

	PRP Power		Standby Power	
	L/h	Range (hours)	L/h	Range (hours)
25%	5.2	29.8	0	0
50%	9.7	16	0	0
75%	14	11.1	0	0
100%	18.7	8.3	20.5	7.6

Engine

Brand	PERKINS
Model	1104C-44TG2
No. of Cylinders	4
Engine Capacity	4400
Bore (mm)	105
Stroke (mm)	127
Compression ratio	17.2:1
Water cooled	✓
Speed (r.p.m.)	1500
Preheating system	✓
Fuel tank capacity (l)	155

Cooling System

Flow of air from fan (m3/min)	89
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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)	5.14
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Electrical System

Batteries	12V 97 Ah
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Exhaust System

Input diameter (")	3
Output diameter (")	3.5
Exhaust diameter (mm)	280
Exhaust length (mm)	1,285
T ^a gas emission (°C)	580
Gas flow	13.3

Alternator

Model	UCI 224 G1
Electronic Regulation	✓
AVR	SX460
Power (Kva)	90.8

Electric Panel**Measuring Instruments**

Voltmeter	1
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Control Instruments

Control card	DEEP SEA
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 Gensets	
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 125A

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