

**power**technique

**PT25**

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

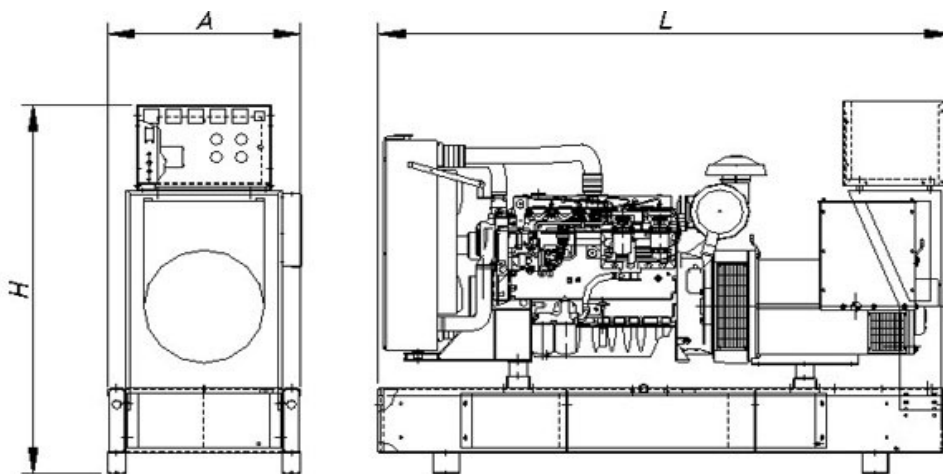
Frequency (Hz): **50**

**STATIONARY OPENSET  
AUTOMATIC WITHOUT ATS**

## Technical Information

PRP Power (kVA)	<b>20.3</b>
Standby Power	<b>22.7</b>
PRP Power (kW)	<b>16.3</b>
Standby Power (kW)	<b>18.2</b>
Model	<b>STATIONARY OPENSET</b>

Weight and Dimensions (mm)	
Length (L)	<b>1550</b>
Width (W)	<b>750</b>
Height (H)	<b>1485</b>
Weight (kg)	<b>558</b>
Fuel tank capacity (l)	<b>88</b>



## Consumption

	PRP Power		Standby Power	
	L/h	Range (hours)	L/h	Range (hours)
25%	0	0	0	0
50%	2.9	30.3	0	0
75%	4	22	0	0
100%	5.4	16.3	6.2	14.2

## Engine

Brand	PERKINS
Model	404C 22 G
No. of cylinders	4
Engine capacity	2216
Bore (mm)	84
Stroke (mm)	100
Compression ratio	22.4:1
Water cooled	✓
Speed (r.p.m.)	1500
Preheating system	✓
Fuel tank capacity (l)	88

### Cooling System

Flow of air from fan (m3/min)	40.2
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### Lubrication System

Oil sump capacity (l)	8
Maximum oil consumption (%fuel consumption)	0.3

### Air Intake System

Aspirated air flow (M3/min)	1.45
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### Electrical System

Batteries	12V 75 Ah
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### Exhaust System

Input diameter (")	2
Output diameter (")	2
Exhaust diameter (mm)	180
Exhaust length (mm)	538
T <sup>a</sup> gas emission (°C)	505
Gas flow (m3/min)	3.94

## Alternator

Model	BCI 184 E1
Electronic Regulation	✓
AVR	SX460
Power (kVA)	25

## Electric Panel

### Measuring Instruments

Voltmeter	1
Frequency meter	1
Hour meter	✓
Fuel gauge	✓
Engine water temperature gauge	✓
Battery voltage gauge	✓

### 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	✓
<b>Standby Gensets</b>	
3-phase tracking card	✓
Battery charger maintainer	✓
Voltmeter. Switch: PHASE-MAINS-GENSET	✓
Auto/manual function	✓
LED indicators MAINS/GENSET switch	✓
<b>Protection Devices</b>	
Emergency stop button	✓
Circuit breaker	4P 10A 4P 32A

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