

**power**technique

**PT(S)35**

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

Frequency (Hz): **50**

**STATIONARY WITH CANOPY**

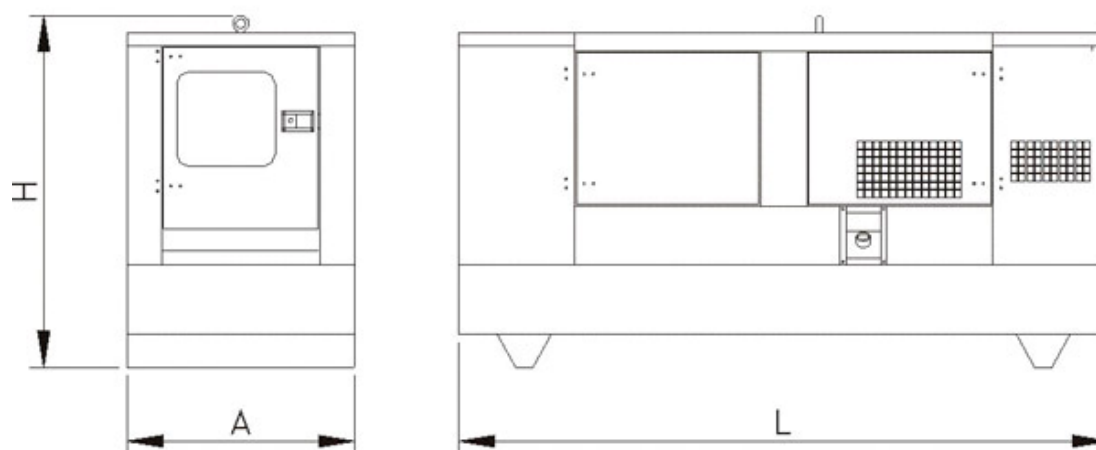
**AUTOMATIC WITH ATS**

## Technical Information

PRP Power (kVA)	<b>30</b>
Standby Power	<b>33</b>
PRP Power (kW)	<b>24</b>
Standby Power (kW)	<b>26.4</b>
Model	<b>STATIONARY WITH CANOPY</b>

<b>Weight and Dimensions (mm)</b>	
Length (L)	<b>2250</b>
Width (W)	<b>1050</b>
Height (H)	<b>1505</b>
Weight (kg)	<b>1282</b>
Fuel tank capacity (l)	<b>124</b>

<b>Noise Level</b>	
Acoustic pressure [LpA] (dBA)	<b>62</b>
Acoustic power [LwA] (dBA)	<b>90</b>



## Consumption

	PRP Power		Standby Power	
	L/h	Range (hours)	L/h	Range (hours)
25%	2.5	49.6	0	0
50%	4.2	29.5	0	0
75%	6.1	20.3	0	0
100%	7.8	15.9	8.7	14.3

## Engine

Brand	<b>PERKINS</b>
Model	<b>1103C-33G3</b>
No. of Cylinders	<b>3</b>
Engine Capacity	<b>3300</b>
Bore (mm)	<b>105</b>
Stroke (mm)	<b>127</b>
Compression ratio	<b>19.3:1</b>
Water cooled	✓
Speed (r.p.m.)	<b>1500</b>
Preheating system	✓
Fuel tank capacity (l)	<b>124</b>

### Cooling System

Flow of air from fan (m3/min)	<b>45.6</b>
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### Lubrication System

Oil sump capacity (l)	<b>7</b>
Maximum oil consumption (%fuel consumption)	<b>0.15</b>

### Air intake system

Aspirated air flow (M3/min)	<b>2.13</b>
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### Electrical system

Batteries	<b>12V 75 Ah</b>
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### Exhaust system

Input diameter (")	<b>2</b>
Output diameter (")	<b>3</b>
Exhaust diameter (mm)	<b>222</b>
Exhaust length (mm)	<b>1,284</b>
T <sup>a</sup> gas emission (°C)	<b>570</b>
Gas flow (m3/min)	<b>5.25</b>

## Alternator

Model	<b>BCI 184 G1</b>
Electronic Regulation	✓
AVR	<b>SX460</b>
Power (kVA)	<b>33</b>

## Electric Panel

<b>Control Instruments</b>	
Control card	<b>DEEP SEA</b>
Auto start-up. Mains failure	✓
Manual start-up	✓
Remote start-up	✓
<b>Alarms</b>	
Start-up failure	✓
Battery charge failure	✓
Low oil pressure	✓
High engine water temperature	✓
Low fuel level	✓
Low radiator water level	✓
Emergency stop	✓
Overspeed	✓
<b>Standby Gensets</b>	
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 communications port	✓
<b>Protection Devices</b>	
Emergency stop button	✓
Circuit breaker	<b>4P 50A 4P 10A</b>
ATS	<b>4P 60A</b>

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