

**power**technique

**PT(S)165**

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

Frequency (Hz): **50**

**STATIONARY WITH CANOPY**

**AUTOMATIC WITHOUT ATS**

## Technical Information

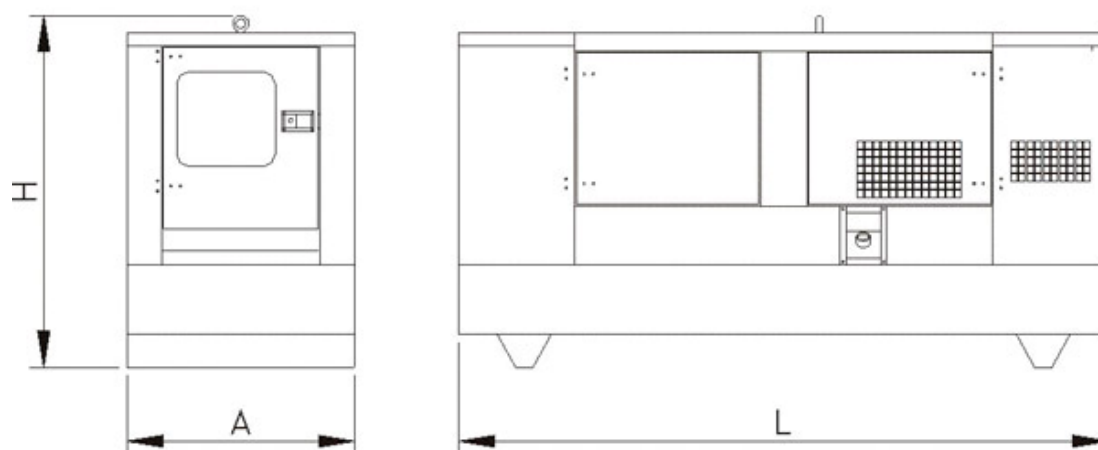
PRP Power (Kva)	<b>150</b>
Standby Power	<b>167</b>
PRP Power (Kw)	<b>120</b>
Standby Power (Kw)	<b>133.6</b>
Model	<b>STATIONARY WITH CANOPY</b>

### Weight and Dimensions (mm)

Length (L)	<b>3500</b>
Width (W)	<b>1100</b>
Height (H)	<b>1785</b>
Weight (kg)	<b>2387</b>
Fuel tank capacity (l)	<b>244</b>

### Noise Level

Acoustic pressure [LpA] (Dba)	<b>69</b>
Acoustic power [LwA] (Dba)	<b>97</b>



## Consumption

	PRP Power		Standby Power	
	L/h	Range (hours)	L/h	Range (hours)
25%	9.3	26.2	9.7	25.2
50%	16	15.3	17.4	14
75%	23.1	10.6	25.6	9.5
100%	30.7	7.9	34.2	7.1

## Engine

Brand	<b>VOLVO</b>
Model	<b>TAD 731 GE</b>
No. of Cylinders	<b>6</b>
Engine Capacity	<b>7150</b>
Bore (mm)	<b>108</b>
Stroke (mm)	<b>130</b>
Compression ratio	<b>18.1</b>
Water cooled	✓
Speed (r.p.m.)	<b>1500</b>
Preheating system	✓
Fuel tank capacity (l)	<b>244</b>

### Cooling System

Flow of air from fan (m3/min)	<b>222</b>
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### Lubrication System

Oil sump capacity (l)	<b>20</b>
Maximum oil consumption (%fuel consumption)	<b>0.3</b>

### Air Intake System

Aspirated air flow (m3/min)	<b>10.65</b>
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### Electrical System

Batteries	<b>12V 180 Ah</b>
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### Exhaust System

Input diameter (")	<b>3</b>
Output diameter (")	<b>4.5</b>
T <sup>a</sup> gas emission (°C)	<b>540</b>
Gas flow	<b>30.2</b>

## Alternator

Model	<b>UCI 274 F1</b>
Electronic Regulation	✓
AVR	<b>SX460</b>
Power (Kva)	<b>175</b>

## Electric Panel

### Measuring Instruments

Voltmeter	<b>1</b>
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### Control Instruments

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 communication port	✓
<b>Protection Devices</b>	
Emergency stop button	✓

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