

**power**technique

**PT(S)505**

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

Frequency (Hz): **50**

**STATIONARY WITH CANOPY**

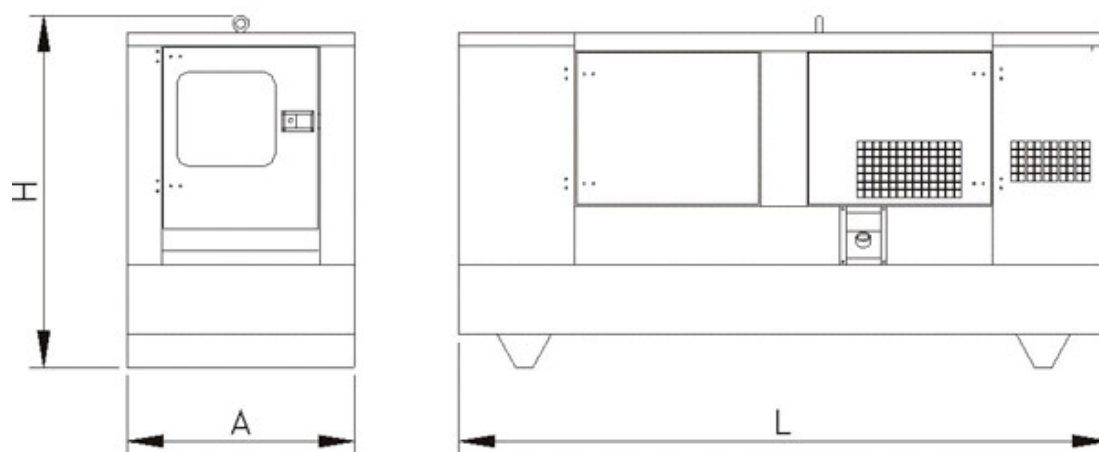
**AUTOMATIC WITH ATS**

## Technical Information

PRP Power (Kva)	<b>462</b>
Standby Power	<b>506</b>
PRP Power (Kw)	<b>369.6</b>
Standby Power (Kw)	<b>404.8</b>
Model	<b>STATIONARY WITH CANOPY</b>

<b>Weight and Dimensions (mm)</b>	
Length (L)	<b>5500</b>
Width (W)	<b>1550</b>
Height (H)	<b>2450</b>
Weight (kg)	<b>5945</b>
Fuel tank capacity (l)	<b>943</b>

<b>Noise Level</b>	
Acoustic pressure [LpA] (Dba)	<b>66</b>
Acoustic power [LwA] (Dba)	<b>94</b>



## Consumption

	PRP Power		Standby Power	
	L/h	Range (hours)	L/h	Range (hours)
25%	25	37.7	26.6	35.5
50%	44.7	21.1	48.4	19.5
75%	65.3	14.4	71.2	13.2
100%	88	10.7	97.3	9.7

## Engine

Brand	<b>VOLVO</b>
Model	<b>TAD 1640 GE</b>
Electronic management	✓
No. of Cylinders	<b>6</b>
Engine Capacity	<b>16120</b>
Bore (mm)	<b>144</b>
Stroke (mm)	<b>165</b>
Compression ratio	<b>17.5:1</b>
Water cooled	✓
Speed (r.p.m.)	<b>1500</b>
Preheating system	✓
Fuel tank capacity (l)	<b>943</b>

### Cooling System

Flow of air from fan (m3/min)	<b>475</b>
-------------------------------	------------

### Lubrication System

Oil sump capacity (l)	<b>48</b>
Maximum oil consumption (%fuel consumption)	<b>0.1</b>

### Air Intake System

Aspirated air flow (m3/min)	<b>36.2</b>
-----------------------------	-------------

### Electrical System

Batteries	<b>12V 140 Ah</b>
-----------	-------------------

### Exhaust System

Input diameter (")	<b>6</b>
Output diameter (")	<b>7.6</b>
T <sup>a</sup> gas emission (°C)	<b>456</b>
Gas flow	<b>85.4</b>

## Alternator

Model	<b>HCI 5_4 C1</b>
Electronic Regulation	✓
AVR	<b>SX440</b>
Power (Kva)	<b>520</b>

## Electric Panel

### Measuring Instruments

Voltmeter	<b>1</b>
Battery current gauge	✓

### 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	✓
ATS	4P 800A 400/230V

**Head office address:**

Unit 4, Concorde Close, Sopwith Park,  
Segensworth North, Fareham, Hampshire, PO15 5RT. UK  
Tel: +44 (0)1489 560700 Fax: +44 (0)1489 560742  
[sales@powertecnicque.com](mailto:sales@powertecnicque.com) [www.powertecnicque.com](http://www.powertecnicque.com)

Power Tecnicque Ltd reserves the right to modify any characteristic without prior notice. Photos or drawings are based on standard product, being possible to add optional elements