

**power**technique

**PT(S)700**

Voltage (V): 400/230

Frequency (Hz): 50

**STATIONARY WITH CANOPY**

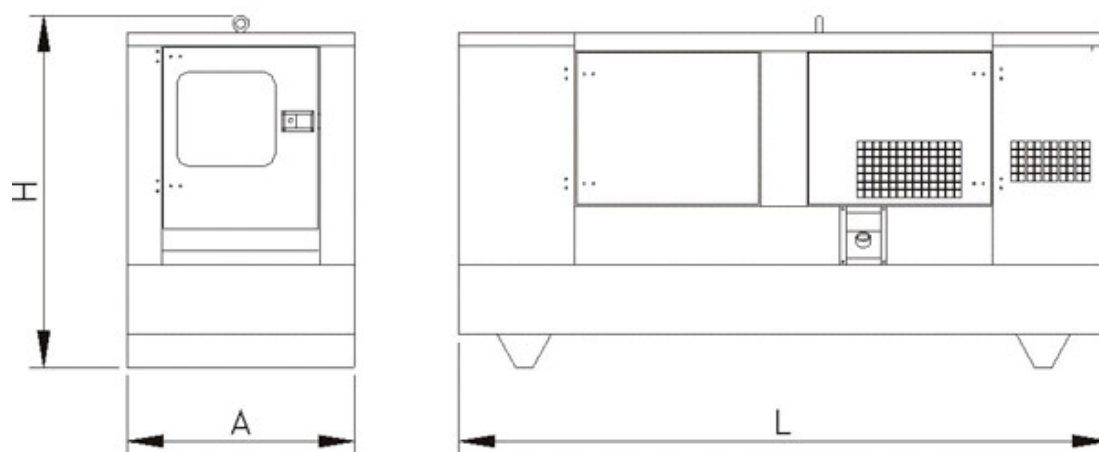
**AUTOMATIC WITH ATS**

## Technical Information

PRP Power (Kva)	630
Standby Power	687
PRP Power (Kw)	504
Standby Power (Kw)	549.6
Model	STATIONARY WITH CANOPY

Weight and Dimensions (mm)	
Length (L)	5800
Width (W)	1900
Height (H)	2645
Weight (kg)	6695
Fuel tank capacity (l)	995

Noise Level	
Acoustic pressure [LpA] (Dba)	69
Acoustic power [LwA] (Dba)	97



**Consumption**

	PRP Power		Standby Power	
	L/h	Range (hours)	L/h	Range (hours)
25%	32.3	30.8	34.4	28.9
50%	58.8	16.9	63.8	15.6
75%	88.2	11.3	96.2	10.3
100%	119.4	8.3	130.9	7.6

**Engine**

Brand	<b>VOLVO</b>
Model	<b>TWD 1643 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>16.5:1</b>
Water cooled	✓
Speed (r.p.m.)	<b>1500</b>
Preheating system	✓
Fuel tank capacity (l)	<b>995</b>

**Cooling System**

Flow of air from fan (m3/min)	<b>715</b>
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**Lubrication System**

Oil sump capacity (l)	<b>48</b>
Maximum oil consumption (%fuel consumption)	<b>0.17</b>

**Air Intake System**

Aspirated air flow (m3/min)	<b>40.96</b>
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**Electrical System**

Batteries	<b>12V 210 Ah</b>
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**Exhaust System**

Input diameter (")	<b>6</b>
Output diameter (")	<b>7.6</b>
T <sup>a</sup> gas emission (°C)	<b>463</b>
Gas flow	<b>111.8</b>

**Alternator**

Model	<b>HCI 5_4 F1</b>
Electronic Regulation	✓
AVR	<b>SX440</b>
Power (Kva)	<b>738</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	<b>4P 1250A 400/300V</b>

**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)

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