

powertechnique

PT(S)700

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

Frequency (Hz): **50**

STATIONARY WITH CANOPY

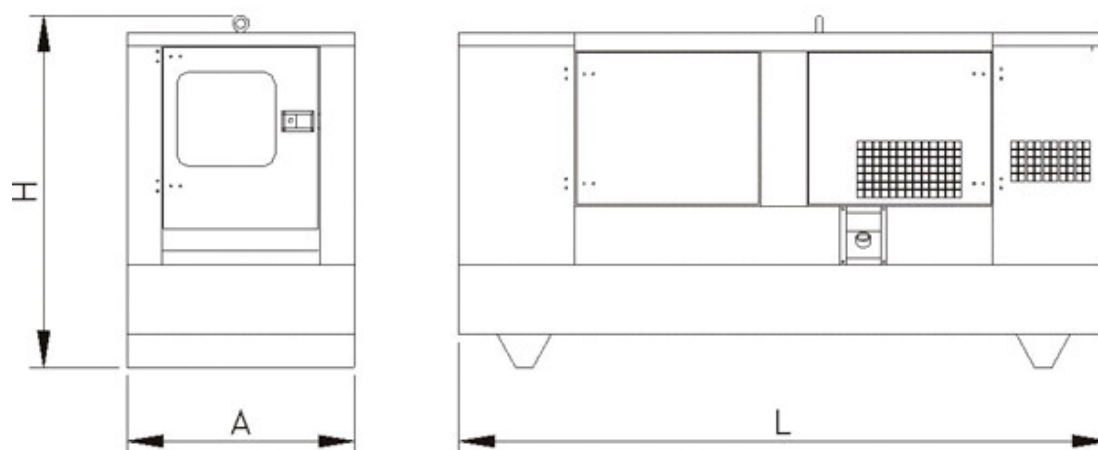
AUTOMATIC WITHOUT ATS

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 | VOLVO |
| Model | TWD 1643 GE |
| Electronic management | ✓ |
| No. of Cylinders | 6 |
| Engine Capacity | 16120 |
| Bore (mm) | 144 |
| Stroke (mm) | 165 |
| Compression ratio | 16.5:1 |
| Water cooled | ✓ |
| Speed (r.p.m.) | 1500 |
| Preheating system | ✓ |
| Fuel tank capacity (l) | 995 |

Cooling System

| | |
|-------------------------------|------------|
| Flow of air from fan (m3/min) | 715 |
|-------------------------------|------------|

Lubrication System

| | |
|---|-------------|
| Oil sump capacity (l) | 48 |
| Maximum oil consumption (%fuel consumption) | 0.17 |

Air Intake System

| | |
|-----------------------------|--------------|
| Aspirated air flow (m3/min) | 40.96 |
|-----------------------------|--------------|

Electrical System

| | |
|-----------|-------------------|
| Batteries | 12V 210 Ah |
|-----------|-------------------|

Exhaust System

| | |
|----------------------------------|--------------|
| Input diameter (") | 6 |
| Output diameter (") | 7.6 |
| T ^a gas emission (°C) | 463 |
| Gas flow | 111.8 |

Alternator

| | |
|-----------------------|-------------------|
| Model | HCI 5_4 F1 |
| Electronic Regulation | ✓ |
| AVR | SX440 |
| Power (Kva) | 738 |

Electric Panel**Measuring Instruments**

| | |
|-----------------------|----------|
| Voltmeter | 1 |
| Battery current 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 | ✓ |
| Overspeed | ✓ |
| Standby Gensets | |
| 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 | ✓ |
| Protection Devices | |
| Emergency stop button | ✓ |

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