

powertechnique

PT(S)25

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

Frequency (Hz): **50**

STATIONARY WITH CANOPY

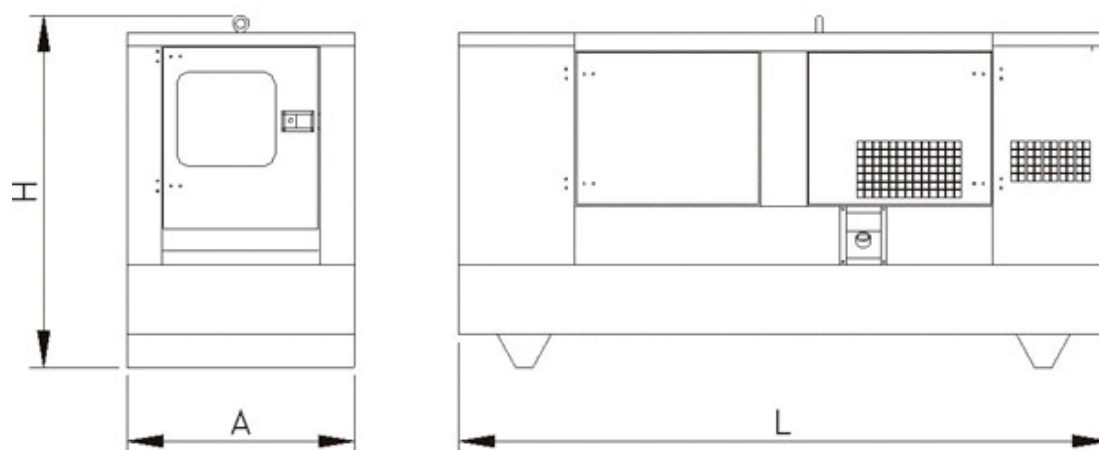
AUTOMATIC WITHOUT ATS

Technical Information

| | |
|--------------------|-------------------------------|
| PRP Power (kVA) | 20.3 |
| Standby Power | 22.7 |
| PRP Power (kW) | 16.3 |
| Standby Power (kW) | 18.2 |
| Model | STATIONARY WITH CANOPY |

| Weight and Dimensions (mm) | |
|----------------------------|-------------|
| Length (L) | 1860 |
| Width (W) | 840 |
| Height (H) | 1230 |
| Weight (kg) | 748 |
| Fuel tank capacity (l) | 50.5 |

| Noise Level | |
|-------------------------------|-----------|
| Acoustic pressure [LpA] (dBA) | 70 |
| Acoustic power [LwA] (dBA) | 90 |



Consumption

| | PRP Power | | Standby Power | |
|------|-----------|---------------|---------------|---------------|
| | L/h | Range (hours) | L/h | Range (hours) |
| 25% | 0 | 0 | 0 | 0 |
| 50% | 2.9 | 17.4 | 0 | 0 |
| 75% | 4 | 12.6 | 0 | 0 |
| 100% | 5.4 | 9.4 | 6.2 | 8.1 |

Engine

| | |
|------------------------|------------------|
| Brand | PERKINS |
| Model | 404C 22 G |
| No. of cylinders | 4 |
| Engine capacity | 2216 |
| Bore (mm) | 84 |
| Stroke (mm) | 100 |
| Compression ratio | 22.4:1 |
| Water cooled | ✓ |
| Speed (r.p.m.) | 1500 |
| Preheating system | ✓ |
| Fuel tank capacity (l) | 50.5 |

Cooling System

| | |
|-------------------------------|-------------|
| Flow of air from fan (m3/min) | 40.2 |
|-------------------------------|-------------|

Lubrication System

| | |
|---|------------|
| Oil sump capacity (l) | 8 |
| Maximum oil consumption (%fuel consumption) | 0.3 |

Air Intake System

| | |
|-----------------------------|-------------|
| Aspirated air flow (M3/min) | 1.45 |
|-----------------------------|-------------|

Electrical System

| | |
|-----------|------------------|
| Batteries | 12V 60 Ah |
|-----------|------------------|

Exhaust System

| | |
|----------------------------------|-------------|
| Input diameter (") | 2.36 |
| Output diameter (") | 2.36 |
| Exhaust diameter (mm) | 199 |
| Exhaust length (mm) | 450 |
| T ^a gas emission (°C) | 505 |
| Gas flow (m3/min) | 3.94 |

Alternator

| | |
|-----------------------|-------------------|
| Model | BCI 184 E1 |
| Electronic Regulation | ✓ |
| AVR | SX460 |
| Power (kVA) | 25 |

Electric Panel

| Measuring Instruments | |
|--------------------------------|----------|
| Voltmeter | 1 |
| Frequency meter | 1 |
| Hour meter | ✓ |
| Fuel gauge | ✓ |
| Engine water temperature gauge | ✓ |
| Battery voltage 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 | ✓ |
| Standby Gensets | |
| 3-phase tracking card | ✓ |
| Battery charger maintainer | ✓ |
| Voltmeter. Switch: PHASE-MAINS-GENSET | ✓ |
| Auto/manual function | ✓ |
| LED indicators MAINS/GENSET switch | ✓ |
| Protection Devices | |
| Emergency stop button | ✓ |
| Circuit breaker | 4P 32A |

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@powertecnicue.com www.powertecnicue.com

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