



DV 500

Voltage (V): 400/230

Frequency (Hz): 50

STATIONARY WITHOUT CANOPY

KEY START



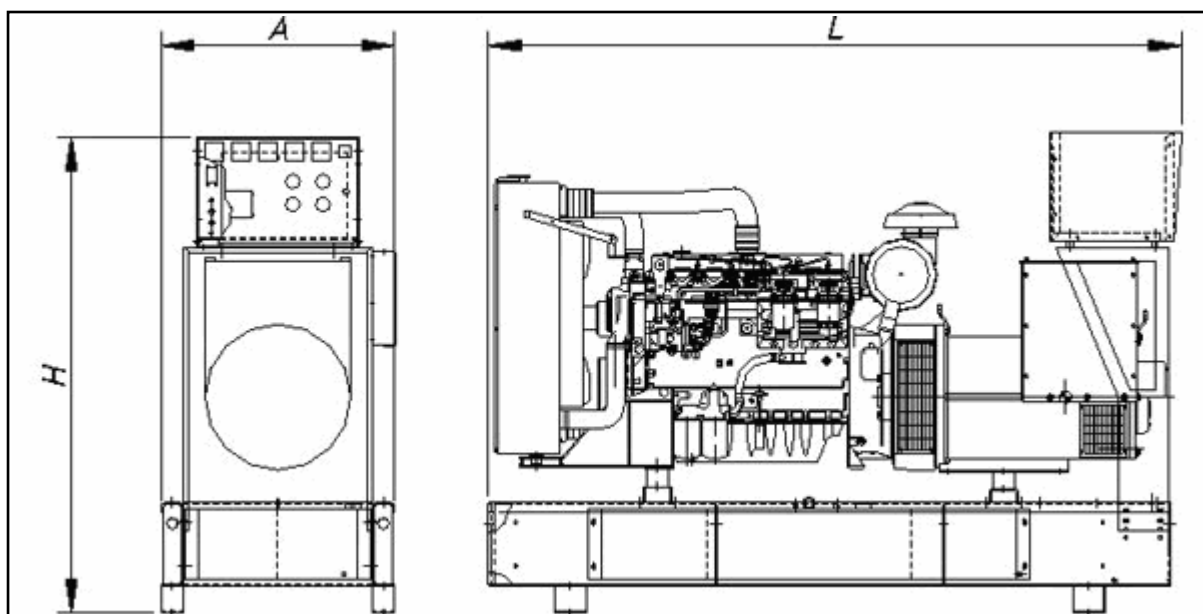
Technical Data Sheet

Technical information

| | |
|---------------------|---------------------------|
| PRP Power (kVA) | 500 |
| Standby Power (kVA) | 520 |
| PRP Power (kW) | 400 |
| Standby Power (kW) | 416 |
| Model | STATIONARY WITHOUT CANOPY |

Weight and Dimensions (mm)

| | |
|------------------------|------|
| Length (L) | 3810 |
| Width (A) | 1200 |
| Height (H) | 2365 |
| Weight (kg) | 4475 |
| Fuel tank capacity (l) | 943 |



Consumption

| | PRP Power | | Standby Power | |
|------|-----------|---------------|---------------|---------------|
| | L/h | Range (hours) | L/h | Range (hours) |
| 25% | 26 | 36,3 | 26,9 | 35,1 |
| 50% | 47,9 | 19,7 | 48,8 | 19,3 |
| 75% | 70,7 | 13,3 | 72,8 | 13 |
| 100% | 95,7 | 9,9 | 99 | 9,5 |

Engine

| | |
|------------------------|-------------|
| Brand | VOLVO |
| Model | TAD 1641 GE |
| Electronic Management | ✓ |
| No. of cylinders | 6 |
| Engine Capacity (c.c.) | 16120 |
| Bore (mm) | 144 |
| Stroke (mm) | 165 |
| Compression ratio | 17,5:1 |
| Water cooled | ✓ |
| Speed (r.p.m.) | 1500 |

Cooling System

| | |
|-------------------------------|-----|
| Flow of air from fan (m3/min) | 490 |
|-------------------------------|-----|

Lubrication System

| | |
|--|-----|
| Oil sump capacity (l) | 48 |
| Maximum oil consumption (% fuel consumption) | 0,1 |

Exhaust System

| | |
|----------------------------------|-------|
| Input diameter (") | 6 |
| Output diameter (") | 6 |
| Body diameter (mm) | 381 |
| Exhaust length (mm) | 1.300 |
| T ^a gas emission (°C) | 475 |
| Gas flow (m3/min) | 79 |

Alternator

| | |
|-----------------------|------------|
| Model | HCI 5_4 C1 |
| Electronic Regulation | ✓ |
| AVR | AS440 |
| Power (kVA) | 500 |

Electric Panel

Measuring Instruments

| | |
|-----------------|---|
| Frequency meter | 1 |
| Hour meter | ✓ |
| Fuel gauge | ✓ |

Control Instruments

| | |
|------------------------------|---------------------|
| Control Card | DEEP SEA 5310 RS485 |
| 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 | ✓ |
| Emergency Stop | ✓ |
| Overspeed | ✓ |
| Maintenance due | ✓ |

Standby Gen-sets

Electric Panel

| | |
|---------------------------|-----------|
| Auto/Manual Function | ✓ |
| Remote control software | ✓ |
| RS 485 communication port | ✓ |
| Protection Devices | |
| Emergency stop button | ✓ |
| Circuit breaker | 4P 800A R |

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