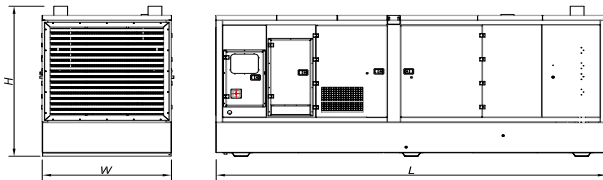


1000 KVA STANDBY SILENCED SET PERKINS



TECHNICAL INFORMATION

| | |
|---------------------|---------|
| Voltage (V): | 400/230 |
| Frequency (Hz): | 50 |
| PRP Power (kVA) | 910 |
| Standby Power (kVA) | 1000 |
| PRP Power (kW) | 728 |
| Standby Power (kW) | 800 |

Weight and Dimensions (mm)

| | |
|------------------------|------|
| Length (L) | 6500 |
| Width (W) | 2140 |
| Height (H) | 2660 |
| Weight (kg) | 9538 |
| Fuel tank capacity (l) | 1280 |

Noise Level

| | |
|-----------------------------------|-----|
| Acoustic Pressure [LpA] (dBA @7m) | 75 |
| Acoustic Power [LwA] (Dba) | 102 |

Consumption

| | PRP Power | |
|------|-----------|---------------|
| | L/h | Range (hours) |
| 25% | 51.4 | 24.9 |
| 50% | 98 | 13.1 |
| 75% | 142.8 | 9 |
| 100% | 195.1 | 6.6 |

| | Standby Power | |
|------|---------------|---------------|
| | L/h | Range (hours) |
| 25% | 0 | 0 |
| 50% | 0 | 0 |
| 75% | 158 | 8.1 |
| 100% | 217.9 | 5.9 |

ENGINE

| | |
|----------------------------|------------|
| Brand | PERKINS |
| Model | 4008 TAG1A |
| Electronic Management | YES |
| No. of cylinders | 8 |
| Engine Capacity (c.c) | 30561 |
| Bore (mm) | 160 |
| Stroke (mm) | 190 |
| Compression ratio | 13.6:1 |
| Water cooled | YES |
| Speed (R.P.M) | 1500 |
| Mechanical Net Power (kWm) | 844 |
| Fuel tank capacity (l) | 1280 |

Cooling System

| | |
|-------------------------------|------|
| Flow of air from fan (m3/min) | 1248 |
|-------------------------------|------|

Lubrication System

| | |
|--|-----|
| Oil sump capacity (l) | 166 |
| Maximum oil consumption (% fuel consumption) | 0.5 |

Air intake system

| | |
|-----------------------------|----|
| Aspirated air flow (m3/min) | 73 |
|-----------------------------|----|

Electrical System

| | |
|---------------------|---------------|
| Number of batteries | 2 |
| Battery | 12V 44Ah-730A |

Exhaust System

| | |
|----------------------------------|-------|
| Input diameter (") | 6 |
| Output diameter (") | 7.6 |
| Body diameter (mm) | 500 |
| Exhaust length (mm) | 1.600 |
| T ^a gas emission (°C) | 438 |
| Gas flow (m3/min) | 183 |

ALTERNATOR

| | |
|-----------------------|-----------------|
| Model | LSA 49.1 L10 6H |
| Electronic Regulation | YES |
| AVR | R 450 |
| Power (kVA) | 1000 |

ELECTRIC PANEL

| | |
|--------------------|---------------|
| Protection Devices | YES |
| Control Card | DEEP SEA 7320 |