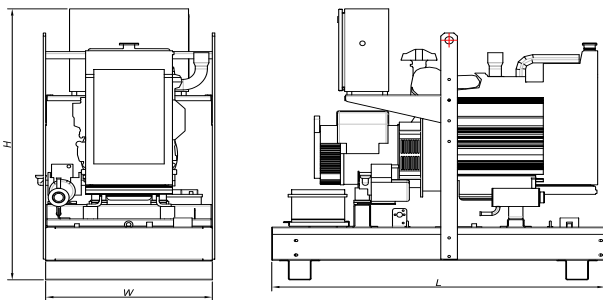
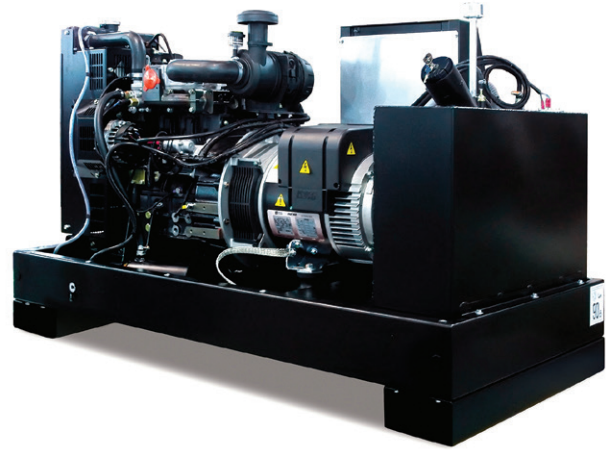


# 13 KVA STANDBY OPEN SET PERKINS



## TECHNICAL INFORMATION

|                     |         |
|---------------------|---------|
| Voltage (V):        | 400/230 |
| Frequency (Hz):     | 50      |
| PRP Power (kVA)     | 12.8    |
| Standby Power (kVA) | 14.1    |
| PRP Power (kW)      | 10.2    |
| Standby Power (kW)  | 11.31   |

## Weight and Dimensions (mm)

|                        |      |
|------------------------|------|
| Length (L)             | 1400 |
| Width (W)              | 720  |
| Height (H)             | 1312 |
| Weight (kg)            | 467  |
| Fuel tank capacity (l) | 75   |

## Consumption

|      | PRP Power |               |
|------|-----------|---------------|
|      | L/h       | Range (hours) |
| 25%  | 1.3       | 57.7          |
| 50%  | 2         | 37.5          |
| 75%  | 2.7       | 27.8          |
| 100% | 3.6       | 20.8          |

|      | Standby Power |               |
|------|---------------|---------------|
|      | L/h           | Range (hours) |
| 25%  | 0             | 0             |
| 50%  | 0             | 0             |
| 75%  | 3             | 25            |
| 100% | 4             | 18.8          |

## ENGINE

|                            |           |
|----------------------------|-----------|
| Brand                      | PERKINS   |
| Model                      | 403A-15G1 |
| No. of cylinders           | 3         |
| Engine Capacity (c.c)      | 1496      |
| Bore (mm)                  | 84        |
| Stroke (mm)                | 90        |
| Compression ratio          | 22,5:1    |
| Water cooled               | YES       |
| Speed (R.P.M)              | 1500      |
| Mechanical Net Power (kWm) | 13.3      |
| Fuel tank capacity (l)     | 75        |

## Cooling System

|                               |      |
|-------------------------------|------|
| Flow of air from fan (m3/min) | 36.6 |
| Water Jacket Heater           | YES  |

## Lubrication System

|  |      |
|--|------|
| Oil sump capacity (l)                        | 5.5  |
| Maximum oil consumption (% fuel consumption) | 0.78 |

## Air intake system

|                             |     |
|-----------------------------|-----|
| Aspirated air flow (m3/min) | 1.1 |
|-----------------------------|-----|

## Electrical System

|                     |                  |
|---------------------|------------------|
| Number of batteries | 1                |
| Battery             | 12V 60 Ah. 680 A |

## Exhaust System

|                                  |     |
|----------------------------------|-----|
| Input diameter (")               | 2.5 |
| Output diameter (")              | 2.5 |
| Body diameter (mm)               | 147 |
| Exhaust length (mm)              | 610 |
| T <sup>a</sup> gas emission (°C) | 490 |
| Gas flow (m3/min)                | 2.9 |

## ALTERNATOR

|             |           |
|-------------|-----------|
| Model       | LSA 40 S3 |
| Power (kVA) | 16.5      |

## ELECTRIC PANEL

|                    |                    |
|--------------------|--------------------|
| Protection Devices | YES                |
| ATS (optional)     | 4P 25A (230V) - CC |
| Control Card       | DEEP SEA 4420 3PH  |