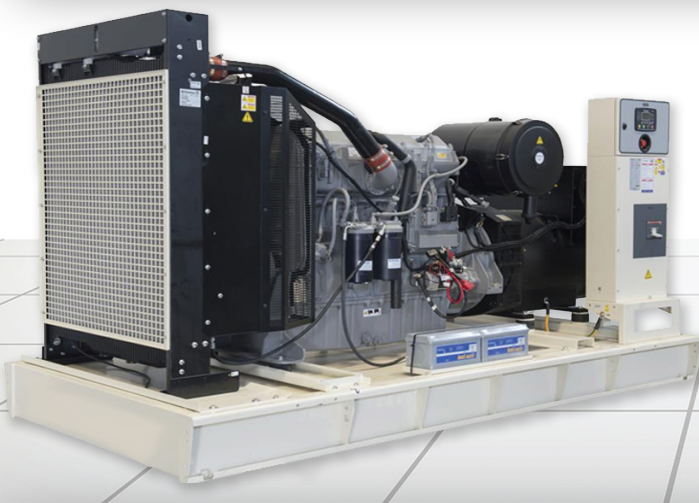




# VS1530PE-L

## Output Power

|                     |     |      |
|---------------------|-----|------|
| Standby Power (ESP) | kVA | 1530 |
|                     | kW  | 1224 |
| Prime Power (PRP)   | kVA | 1396 |
|                     | kW  | 1117 |

## Size

|           | W x L x H (mm)     | Weight (kg) | Fuel Tank (lt) | Noise dB (A) @ 7m |
|-----------|--------------------|-------------|----------------|-------------------|
| Canopied  | 2305 x 5230 x 2925 | 11813       | 1540           | 91                |
| Open Skid | 2050 x 4800 x 2640 | 9983        | 1540           | N/A               |

TBA: To Be Asked / N/A: Not Applicable

## Continuous Power

The maximum power which a generating set is capable of delivering continuously whilst supplying a constant electrical load. Average load can be 100%. The generator must not be overloaded.

## Standby Power

The max power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 hrs of operation per year under average of 70% load. Overloading isn't permissible.

## Prime Power

The maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load. Average load should be 70%. The generator can be overloaded 10% for 1 hour per 12 hrs.

| Engine                             |        |                         |
|------------------------------------|--------|-------------------------|
| Manufacturer                       |        | PERKINS                 |
| Model                              |        | 4012-46TWG3A            |
| No of Cylinders                    |        | 12                      |
| Cylinder Configuration             |        | V TYPE                  |
| Displacement                       | lt     | 45.842                  |
| Stroke                             | mm     | 190                     |
| Bore                               | mm     | 160                     |
| Compression Ratio                  |        | 13,6:1                  |
| Aspiration                         |        | TURBOCHARGE-AFTERCOOLER |
| Governor Type                      |        | ELECTRONIC              |
| Cooling System                     |        | WATER                   |
| Coolant Capacity                   | lt     | 201                     |
| Lubrication Oil Capacity           | lt     | 177                     |
| Electrical System                  | VDC    | 24                      |
| Speed / Frequency 50 Hz            | rpm    | 1500 rpm / 50 Hz        |
| Engine Gross Power (Standby 50 Hz) | kW     | 1321                    |
| Fuel Consumption 110% (ESP 50 Hz)  | lt/h   | 318                     |
| Fuel Consumption 100% (PRP 50 Hz)  | lt/h   | 283                     |
| Fuel Consumption 75% (PRP 50 Hz)   | lt/h   | 213                     |
| Fuel Consumption 50% (PRP 50 Hz)   | lt/h   | 151                     |
| Exhaust Outlet Temperature 50 Hz   | °C     | 474                     |
| Exhaust Gas Flow 50 Hz             | m3/min | 182                     |
| Combustion Air Flow 50 Hz          | m3/min | 115                     |
| Cooling Air Flow 50 Hz             | m3/min | 1680                    |

| Alternator                         |     |                                              |
|------------------------------------|-----|----------------------------------------------|
| Manufacturer                       |     | LEROY-SOMER                                  |
| Model                              |     | LSA 50.2L8                                   |
| No of Phases                       |     | 3                                            |
| Power Factor                       |     | 0,8                                          |
| No of Bearings                     |     | SINGLE                                       |
| No of Poles                        |     | 4                                            |
| No of Leads                        |     | 6                                            |
| Voltage Regulation (Steady State)  |     | ± 0,5%                                       |
| Insulation Class                   |     | H                                            |
| Degree of Protection               |     | IP 23                                        |
| Excitation System                  |     | AVR (Automatic Voltage Regulator), Brushless |
| Connection Type                    |     | STAR                                         |
| Total Harmonic Content (No Load)   |     | < 3,5%                                       |
| Frequency                          | Hz  | 50                                           |
| Voltage Output 50 Hz               | VAC | 230 / 400                                    |
| Rated Power (Standby) 400_50 Hz    | kVA | 1650                                         |
| Rated Power (Continuous) 400_50 Hz | kVA | 1500                                         |
| Efficiency (4/4_400 V_50 Hz)       | %   | 95,2                                         |