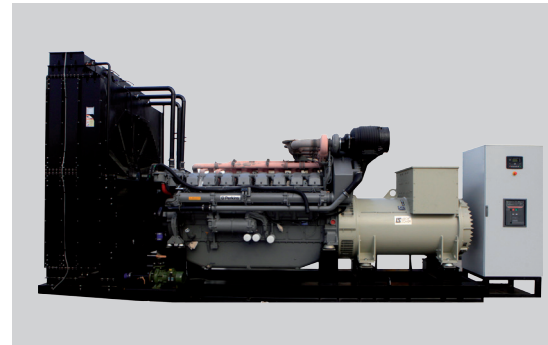


# PT2000 - PT2250S



Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
<b>Voltage*<sup>1</sup></b>	<b>Frequency*<sup>2</sup></b>	<b>PT 2000*<sup>3</sup></b>	<b>PT 2250*<sup>4</sup></b>
230/400 V	50 Hz	2000 KVA	2250 KVA
277/480 V	60 Hz	-	-

The above ratings represent the generating set capability guaranteed within ±3% at the reference conditions equivalent to those specified in ISO 8528/1.



## Notes

1. The applicable voltage is 380V to 415V for 50Hz applications. For other voltage consult factory.
2. This generating set is of fixed speed of 1500rpm.
3. PT2000 is the prime power rating of the generating set, where a variable load and unlimited hours usage are applied on the generating set with an average load factor of 80% of the prime rating over each 24 hour period. Noting that a 10% overload is available for 1 hour in every 12 hours operation.
4. PT2250S is the standby power rating of the generating set, where a variable load limited to an annual usage up to 500 hours is applied, with 300 hours of which may be continuous running. Noting that no overload is permitted.

## Certifications



- The complete Generating Set is type-tested according to ISO 8528-8 Standard.



ISO 17025 ACCREDITED LABORATORY

- The control panel is certified by an ISO 17025 accredited laboratory to have IP55 according to IEC 60355



Quality ISO 9001 SAI GLOBAL

## Dimensions

<b>Length</b>	5700 mm
<b>Width</b>	2280 mm
<b>Height</b>	3540 mm
<b>Weight</b>	14750 Kg

## Technical Data

### Engine model

**Perkins 4016-61TRG2**

### Cylinders

16 - 60° vee form

### Aspiration

Turbocharged & A/W charge cooled

### Combustion

Direct injection

### Cooling System

Water cooled

### Displacement

61.123 liters

### Oil Consumption

0.52 g/kWh

### Lube oil capacity

213 liters

### Coolant capacity

252 liters

### Governor

Electronic-Digital

### Speed

1500 rpm      1800 rpm

### Fuel Consumption @ 100% Load

422 L/H      - L/H

### Fuel Consumption @ 75% Load

318 L/H      - L/H

### Fuel Consumption @ 50% Load

216 L/H      - L/H

### Radiator Cooling Air Flow

2820 m3/min      - m3/min

### Max exhaust gas flow

475 m3/min      - m3/min

### Emissions regulations

-

The above performance data are valid as per the following specs:

- Diesel Fuel is according to BS2869 Class A2 or equivalent.
- Lubricating oil is according to API CH4 (15W/40).
- The coolant should be 50% antifreeze and 50% distilled water.

### Alternator model

**Leroy Somer LSA 52.3 S6**

### Regulation

± 0.5 %

### International protection

IP23

### Insulation class

H

### Terminals

6

### Frequency

50 Hz      60 Hz

### Coolant Air flow

2.5 m3/s      - m3/s