

# Zahrat Ajman Co.

## P2250 - P2500(S)

| Ratings @ 0.8 PF |             | Prime Rating | Stand-by Rating |
|------------------|-------------|--------------|-----------------|
| Voltage*1        | Frequency*2 | P 2250 *3    | P 2500S*4       |
| 230/400 V        | 50 Hz       | 2250 KVA     | 2500 KVA        |
| 277/480v         | 60Hz        | -            | -               |

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

### Gensets Large Range

### Technical

|                              |                                  |          |
|------------------------------|----------------------------------|----------|
| <b>Engine model</b>          | <b>Perkins 4016-61TRG3</b>       |          |
| 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             | 270 liters                       |          |
| Governor                     | Electronic-Digital               |          |
| Speed                        | 1500 rpm                         | 1800 rpm |
| Fuel Consumption @ 100% Load | 470 L/H                          | - L/H    |
| Fuel Consumption @ 75% Load  | 344 L/H                          | - L/H    |
| Fuel Consumption @ 50% Load  | 234 L/H                          | - L/H    |
| Radiator Cooling Air Flow    | 3320 m3/min                      | - m3/min |
| Max exhaust gas flow         | 525 m3/min                       | - m3/min |
| Emissions regulations        | -                                |          |

### Dimensions

|               |          |
|---------------|----------|
| <b>Length</b> | 6000 mm  |
| <b>Width</b>  | 2280 mm  |
| <b>Height</b> | 3600 mm  |
| <b>Weight</b> | 15400 Kg |

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.

|                          |                                |        |
|--------------------------|--------------------------------|--------|
| <b>Alternator model</b>  | <b>Leroy Somer LSA 52.3 L9</b> |        |
| Regulation               | $\pm 0.5\%$                    |        |
| International protection | IP23                           |        |
| Insulation class         | H                              |        |
| Terminals                | 6                              |        |
| Frequency                | 50 Hz                          | 60 Hz  |
| Coolant Air flow         | 2.5 m3/s                       | - m3/s |

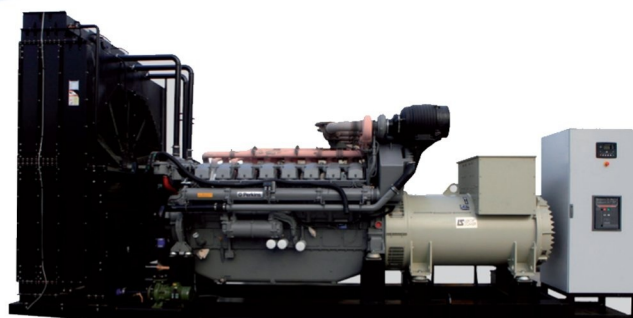


Image shown may not reflect actual package

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