



| Ratings @ 0.8 PF | | Prime Rating | Stand-by Rating |
|------------------|-------------|--------------|-----------------|
| Voltage*1 | Frequency*2 | P 800*3 | P 880S*4 |
| 230/400 V | 50 Hz | 800KVA | 880 KVA |
| 277/480v | 60Hz | 853KVA | 947 KVA |

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

| | | |
|------------------------------|----------------------------------|-------------|
| Engine model | Perkins 4006-23TAG3A | |
| Cylinders | 6 - vertical in-line | |
| Aspiration | Turbocharged & A/A charge cooled | |
| Combustion | Direct injection | |
| Cooling System | Water cooled | |
| Displacement | 22.921 liters | |
| Oil consumption | 0.25 % of fuel consumption | |
| Lube oil capacity | 113.4 liters | |
| Coolant capacity | 120 liters | |
| Governor | Electronic-Digital | |
| Speed | 1500 rpm | 1800 rpm |
| Fuel Consumption @ 100% Load | 172 L/H | 200 L/H |
| Fuel Consumption @ 75% Load | 130 L/H | 144 L/H |
| Fuel Consumption @ 50% Load | 90 L/H | 96 L/H |
| Radiator Cooling Air Flow | 870 m3/min | 1140 m3/min |
| Max exhaust gas flow | 193 m3/min | 209 m3/min |
| Emissions regulations | - | |

Dimensions

| | |
|---------------|---------|
| Length | 4250 mm |
| Width | 1700 mm |
| Height | 2170 mm |
| Weight | 6300 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.

| | | |
|--------------------------|---------------------------------|----------|
| Alternator model | Leroy Somer LSA 49.1 M75 | |
| Regulation | $\pm 0.5\%$ | |
| International protection | IP23 | |
| Insulation class | H | |
| Terminals | 6 | |
| Frequency | 50 Hz | 60 Hz |
| Coolant Air flow | 1.0 m3/s | 1.2 m3/s |



Image shown may not reflect actual package

