

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*1	Frequency*2	P 45 *3	P 50S *4
230/400 V	50 Hz	45KVA	50 KVA
277/480v	60Hz	54KVA	59 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 Small Range



Technical

Engine model	Perkins 1103A-33TG1	
Cylinders	3 - vertical in-line	
Aspiration	Turbocharged	
Combustion	Direct injection	
Cooling System	Water cooled	
Displacement	3.30 liters	
Oil consumption	0.15 % of fuel consumption	
Lube oil capacity	8.3 liters	
Coolant capacity	10.2 liters	
Governor	Mechanical	
Speed	1500 rpm	1800 rpm
Fuel Consumption @ 100% Load	10.7 L/H	12.9 L/H
Fuel Consumption @ 75% Load	8.2 L/H	9.9 L/H
Fuel Consumption @ 50% Load	5.7 L/H	7.1 L/H
Radiator Cooling Air Flow	53.0 m3/min	70.0 m3/min
Max exhaust gas flow	7.7 m3/min	9.5 m3/min
Emissions regulations	TA Luft Legislation	

Dimensions

Length	1700 mm
Width	770 mm
Height	1250 mm
Weight	820 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 TAL042F	
Regulation	$\pm 1\%$	
International protection	IP23	
Insulation class	H	
Terminals	6	
Frequency	50 Hz	60 Hz
Coolant Air flow	0.10 m3/s	0.13 m3/s

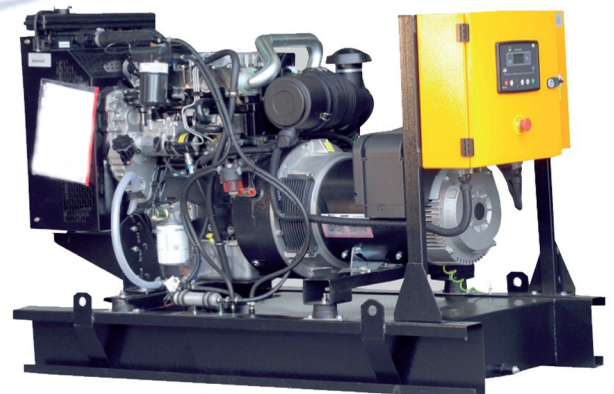


Image shown may not reflect actual package