

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*1	Frequency*2	P 60 *3	P 66S *4
230/400 V	50 Hz	60 KVA	66 KVA
277/480v	60Hz	68KVA	75 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

<b>Engine model</b>	<b>Perkins 1103A-33TG2</b>	
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	13.9 L/H	16.6 L/H
Fuel Consumption @ 75% Load	10.4 L/H	12.5 L/H
Fuel Consumption @ 50% Load	7.2 L/H	8.8 L/H
Radiator Cooling Air Flow	89 m3/min	111 m3/min
Max exhaust gas flow	10.4 m3/min	12.5 m3/min
Emissions regulations	TA Luft Legislation	

### Dimensions

<b>Length</b>	1700 mm
<b>Width</b>	770 mm
<b>Height</b>	1250 mm
<b>Weight</b>	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.

<b>Alternator model</b>	<b>Leroy Somer TAL042H</b>	
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

