



Zahrat Ajman Co.

P1000 - P1100(S)

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*1	Frequency*2	P 1000*3	P 1100S*4
230/400 V	50 Hz	1000KVA	1100 KVA
277/480v	60Hz	998KVA	1100 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 4008TAG2A / 4008TAG2	
Cylinders	8 - vertical in-line	
Aspiration	Turbocharged & A/A charge cooled	
Combustion	Direct injection	
Cooling System	Water cooled	
Displacement	30.561 liters	
Oil consumption	0.53 g/kWh	
Lube oil capacity	153 liters	
Coolant capacity	162 liters	
Governor	Electronic-Digital	
Speed	1500 rpm	1800 rpm
Fuel Consumption @ 100% Load	220 L/H	213 L/H
Fuel Consumption @ 75% Load	160 L/H	206 L/H
Fuel Consumption @ 50% Load	108 L/H	205 L/H
Radiator Cooling Air Flow	1350 m3/min	1290 m3/min
Max exhaust gas flow	200 m3/min	202 m3/min
Emissions regulations	-	

Dimensions

Length	4900 mm
Width	2050 mm
Height	2470 mm
Weight	7165 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 L11	
Regulation	$\pm 0.5\%$	
International protection	IP23	
Insulation class	H	
Terminals	6	
Frequency	50 Hz	60 Hz
Coolant Air flow	1.2 m3/s	1.4 m3/s



Image shown may not reflect actual package

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