



Zahrat Ajman Co.

P80 - P88(S)

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*1	Frequency*2	P 80 *3	P 88S *4
230/400 V	50 Hz	80KVA	88 KVA
277/480v	60Hz	92KVA	101 KVA

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

Gensets Small Range



Technical

Engine model	Perkins 1104A-44TG2	
Cylinders	4 - vertical in-line	
Aspiration	Turbocharged	
Combustion	Direct injection	
Cooling System	Water cooled	
Displacement	4.4 liters	
Oil consumption	0.15 % of fuel consumption	
Lube oil capacity	8 liters	
Coolant capacity	13 liters	
Governor	Mechanical	
Speed	1500 rpm	1800 rpm
Fuel Consumption @ 100% Load	18.7 L/H	22.3 L/H
Fuel Consumption @ 75% Load	14 L/H	16.9 L/H
Fuel Consumption @ 50% Load	9.7 L/H	11.9 L/H
Radiator Cooling Air Flow	89 m3/min	111 m3/min
Max exhaust gas flow	13.3 m3/min	15.85 m3/min
Emissions regulations	TA Luft Legislation	

Dimensions

Length	1900 mm
Width	770 mm
Height	1260 mm
Weight	935 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 TAL044B	
Regulation	± 1 %	
International protection	IP23	
Insulation class	H	
Terminals	6	
Frequency	50 Hz	60 Hz
Coolant Air flow	0.25 m3/s	0.30 m3/s

Image shown may not reflect actual package



www.zahra-grp.com

Info@zahra-grp.com

+964 790 184 8067

+964 771 399 6633

Iraq Baghdad

Muaskar Al Rasheed St.