



Zahrat Ajman Co.

P750 - P825(S)

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*1	Frequency*2	P 750*3	P 825S*4
230/400 V	50 Hz	750 KVA	825 KVA
277/480v	60Hz	756KVA	830 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 Large Range

Technical

Engine model	Perkins 4006-23TAG2A	
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	157 L/H	177 L/H
Fuel Consumption @ 75% Load	121 L/H	129 L/H
Fuel Consumption @ 50% Load	83 L/H	90 L/H
Radiator Cooling Air Flow	870 m3/min	1140 m3/min
Max exhaust gas flow	180 m3/min	190 m3/min
Emissions regulations	-	

Dimensions

Length	4250 mm
Width	1920 mm
Height	2290 mm
Weight	6100 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	± 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

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