



Zahrat Ajman Co.

P250 - P275(S)

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*1	Frequency*2	P 250*3	P 275*4
230/400 V	50 Hz	250 KVA	275 KVA
277/480v	60Hz	290KVA	320 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 Medium Range

Technical

Engine model	Perkins 1506A-E88TAG3	
Cylinders	6 - vertical in-line	
Aspiration	Turbocharged & Aftercooled	
Combustion	Direct injection	
Cooling System	Water cooled	
Displacement	8.8 liters	
Oil consumption	0.1 % of fuel consumption	
Lube oil capacity	41 liters	
Coolant capacity	29.6 liters	
Governor	Electronic	
Speed	1500 rpm	1800 rpm
Fuel Consumption @ 100% Load	56 L/H	63 L/H
Fuel Consumption @ 75% Load	42 L/H	48 L/H
Fuel Consumption @ 50% Load	29 L/H	33 L/H
Radiator Cooling Air Flow	370 m3/min	482 m3/min
Max exhaust gas flow	40.4 m3/min	48.9 m3/min
Emissions regulations	For unregulated territories	

Dimensions

Length	3000 mm
Width	990 mm
Height	1710 mm
Weight	2417 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 46.3 S5	
Regulation	$\pm 0.5\%$	
International protection	IP23	
Insulation class	H	
Terminals	12	
Frequency	50 Hz	60 Hz
Coolant Air flow	0.48 m3/s	0.58 m3/s



Image shown may not reflect actual package

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