

Zahrat Ajman Co.

P180 - P200(S)

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*1	Frequency*2	P 180*3	P 200*4
230/400 V	50 Hz	180KVA	200 KVA
277/480v	60Hz	198KVA	220 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 1106A-70TAG3	
Cylinders	6 - vertical in-line	
Aspiration	Turbocharged & Aftercooled	
Combustion	Direct injection	
Cooling System	Water cooled	
Displacement	7.01 liters	
Oil consumption	0.1 % of fuel consumption	
Lube oil capacity	16.5 liters	
Coolant capacity	21 liters	
Governor	Mechanical	
Speed	1500 rpm	1800 rpm
Fuel Consumption @ 100% Load	41.6 L/H	46.4 L/H
Fuel Consumption @ 75% Load	31.8 L/H	35.3 L/H
Fuel Consumption @ 50% Load	20.1 L/H	22.7 L/H
Radiator Cooling Air Flow	282 m3/min	296.4 m3/min
Max exhaust gas flow	36.8 m3/min	38.35 m3/min
Emissions regulations	For unregulated territories	

Dimensions

Length	2700 mm
Width	990 mm
Height	1560 mm
Weight	1670 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 S2	
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

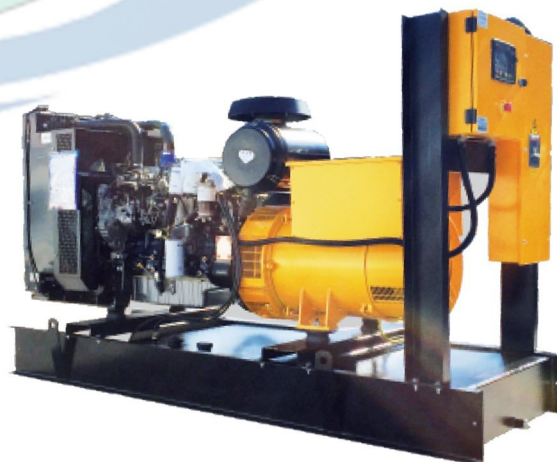


Image shown may not reflect actual package

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