



Zahrat Ajman Co.

P150 - P165(S)

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*1	Frequency*2	P 150*3	P 165S*4
230/400 V	50 Hz	150 KVA	165 KVA
277/480v	60Hz	168KVA	186 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 Small Range

Technical

Engine model	Perkins 1106A-70TAG2	
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	33.4 L/H	38.2 L/H
Fuel Consumption @ 75% Load	24.7 L/H	29.1 L/H
Fuel Consumption @ 50% Load	16.4 L/H	19.1 L/H
Radiator Cooling Air Flow	282 m3/min	296.4 m3/min
Max exhaust gas flow	25.53 m3/min	32.29 m3/min
Emissions regulations	For unregulated territories	

Dimensions

Length	2500 mm
Width	770 mm
Height	1400 mm
Weight	1285 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

Alternator model	Leroy Somer TAL044J	
Regulation	$\pm 1\%$	
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

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