



# Zahrat Ajman Co.

## P135 - P150(S)

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
<b>Voltage*1</b>	<b>Frequency*2</b>	P 135 <sup>*3</sup>	P 150S <sup>*4</sup>
230/400 V	50 Hz	135 KVA	150 KVA
277/480v	60Hz	152KVA	168 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

<b>Engine model</b>	<b>Perkins 1106A-70TG1</b>	
Cylinders	6 - vertical in-line	
Aspiration	Turbocharged	
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	30.2 L/H	35.2 L/H
Fuel Consumption @ 75% Load	22.7 L/H	26.5 L/H
Fuel Consumption @ 50% Load	15.9 L/H	18.0 L/H
Radiator Cooling Air Flow	182 m3/min	182 m3/min
Max exhaust gas flow	22.66 m3/min	29.05m3/min
Emissions regulations	For unregulated territories	

### Dimensions

<b>Length</b>	2500 mm
<b>Width</b>	770 mm
<b>Height</b>	1400 mm
<b>Weight</b>	1245 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.

<b>Alternator model</b>	<b>Leroy Somer TAL044H</b>	
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

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