

# Zahrat Ajman Co.

## P20 - P22(S)

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
<b>Voltage*1</b>	<b>Frequency*2</b>	<b>P 20 *3</b>	<b>P 22S*4</b>
230/400 V	50 Hz	20 KVA	22 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

<b>Engine model</b>	<b>Perkins 404A-22G1</b>	
Cylinders	4 - vertical in-line	
Aspiration	Naturally aspirated	
Combustion	Indirect injection	
Cooling System	Water cooled	
Displacement	2.216 liters	
Oil consumption	0.1 % of fuel consumption	
Lube oil capacity	10.6 liters	
Coolant capacity	7.0 liters	
Governor	Mechanical	
Speed	1500 rpm	1800 rpm
Fuel Consumption @ 100% Load	5.3 L/H	-
Fuel Consumption @ 75% Load	4.0 L/H	-
Fuel Consumption @ 50% Load	2.9 L/H	-
Radiator Cooling Air Flow	40.2 m3/min	-
Max exhaust gas flow	3.94 m3/min	-
Emissions regulations	For unregulated territories	

### Dimensions

<b>Length</b>	1500 mm
<b>Width</b>	610 mm
<b>Height</b>	1000 mm
<b>Weight</b>	485 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

<b>Alternator model</b>	<b>Leroy Somer TAL040F</b>	
Regulation	$\pm 1\%$	
International protection	IP23	
Insulation class	H	
Terminals	6	
Frequency	50 Hz	60 Hz
Coolant Air flow	0.06 m3/s	0.072 m3/s

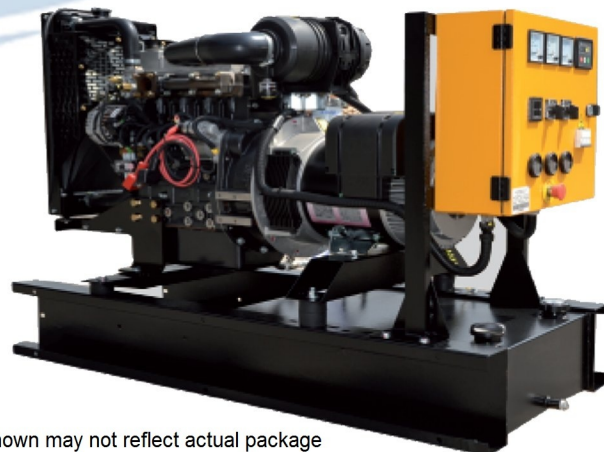


Image shown may not reflect actual package

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