

# Zahrat Ajman Co.

## P1250 - P1375(S)

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*1	Frequency*2	P 1250*3	P 1375S*4
230/400 V	50 Hz	1250KVA	1375 KVA
277/480v	60Hz	1255KVA	1386 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 Large Range



### Technical

#### Engine model

Cylinders	Perkins 4012-46TWG2A	
Aspiration	12 - 60° vee form	
Combustion	Turbocharged & A/W charge cooled	
Cooling System	Direct injection	
Displacement	Water cooled	
Oil consumption	45.842 liters	
Lube oil capacity	0.52 g/kWh	
Coolant capacity	177 liters	
Governor	201 liters	
Speed	Electronic-Digital	
Fuel Consumption @ 100% Load	1500 rpm	1800 rpm
Fuel Consumption @ 75% Load	259 L/H	266 L/H
Fuel Consumption @ 50% Load	196 L/H	- L/H
Radiator Cooling Air Flow	143 L/H	- L/H
Max exhaust gas flow	1680 m3/min	1700 m3/min
Emissions regulations	235 m3/min	235 m3/min

### Dimensions

Length	4600 mm
Width	1800 mm
Height	2500 mm
Weight	9000 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

Regulation	Leroy Somer LSA 50.2 M6	
International protection	$\pm 0.5\%$	
Insulation class	IP23	
Terminals	H	
Frequency	6	
Coolant Air flow	50 Hz	60 Hz
	1.8 m3/s	2.2 m3/s

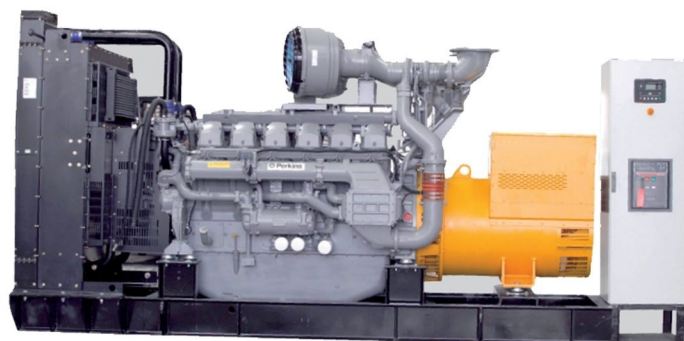


Image shown may not reflect actual package

www.zahra-grp.com

Info@zahra-grp.com

+964 790 184 8067

+964 771 399 6633

Iraq Baghdad

Muaskar Al Rasheed St.