

Zahrat Ajman Co.

P1500 - P1650(S)

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*1	Frequency*2	P 1500 *3	P 1650S*4
230/400 V	50 Hz	1500KVA	1650 KVA
277/480v	60Hz	1518KVA	1670 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 Large Range



Technical

Engine model	Perkins 4012-46TAG2A	
Cylinders	12 - 60° vee form	
Aspiration	Turbocharged & A/A charge cooled	
Combustion	Direct injection	
Cooling System	Water cooled	
Displacement	45.842 liters	
Oil Consumption	0.52 g/kWh	0.2% of fuel consumption
Lube oil capacity	177 liters	
Coolant capacity	210 liters	
Governor	Electronic-Digital	
Speed	1500 rpm	1800 rpm
Fuel Consumption @ 100% Load	301 L/H	319 L/H
Fuel Consumption @ 75% Load	237 L/H	195 L/H
Fuel Consumption @ 50% Load	162 L/H	171 L/H
Radiator Cooling Air Flow	1944 m3/min	1888 m3/min
Max exhaust gas flow	320 m3/min	306 m3/min
Emissions regulations	-	

Dimensions

Length	4950 mm
Width	2180 mm
Height	2530 mm
Weight	10300 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 50.2 L8	
Regulation	± 0.5 %	
International protection	IP23	
Insulation class	H	
Terminals	6	
Frequency	50 Hz	60 Hz
Coolant Air flow	1.8 m3/s	2.2 m3/s

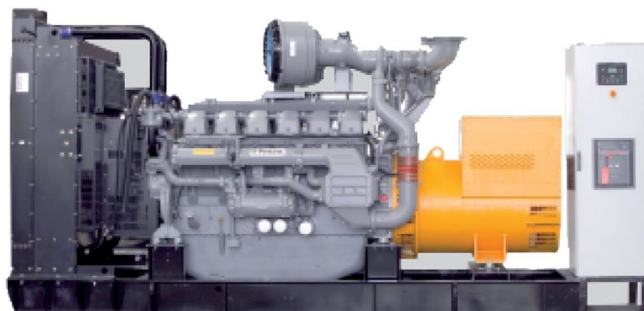


Image shown may not reflect actual package

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