



Zahrat Ajman Co.

P12.5 - P14(D)

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*1	Frequency*2	P 12.5 *3	P 14 *4
230/400 V	50 Hz	12.5 KVA	14 KVA
277/480 V	60 Hz	15 KVA	16.4 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

Engine model	Perkins 403D-15G	
Cylinders	3 - vertical in-line	
Aspiration	Naturally aspirated	
Combustion	Indirect injection	
Cooling System	Water cooled	
Displacement	1.496 liters	
Oil consumption	0.1 % of fuel consumption	
Lube oil capacity	6.0 liters	
Coolant capacity	6.0 liters	
Governor	Mechanical	
Speed	1500 rpm	1800 rpm
Fuel Consumption @ 100% Load	3.6 L/H	4.4 L/H
Fuel Consumption @ 75% Load	2.8 L/H	3.4 L/H
Fuel Consumption @ 50% Load	2.0 L/H	2.5 L/H
Radiator Cooling Air Flow	36.6 m3/min	51.0 m3/min
Max exhaust gas flow	2.9 m3/min	3.36 m3/min
Emissions regulations	EU2007 (EU97/68/EC Stage II) and EPA Tier 4	

Dimensions

Length	1500 mm
Width	610 mm
Height	980 mm
Weight	395 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 TAL040C	
Regulation	± 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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