

The Goods and Related services shall comply with following Technical Specification and Standards.

**TECHNICAL SPECIFICATION OF 62.5 KVA SILENT DG GENERATOR**

<b>Technical Data</b>	<b>62.5 kVA @ 1500 RPM</b>
No. of cylinders and configuration	In-line 4
Method of operation	4-stroke
Rated Current Amp	(85-90)
Bore, mm (in.)	(103-105)
Stroke, mm(in.)	113
Displacement, l	3.8 - 3.9
Compression ratio	(16-17) ± 0.5:1
Fuel Tank Capacity Ltr	(150-170) Suitable for 8-9 hrs operation
Coolant Capacity approx. Ltr	13-18 (Depends upon model)
Lube Oil Capacity	8-9
DG weight approx	1170 kg. approx
<b>Performance kW (HP) at</b>	
Prime Power	59 kw / 79.12 HP
Max Standby Power	65 kw / 87 HP
Over Load Capacity	10% overloading for 1 hr out of 12 hr of operation
<b>Lubricating system</b>	
Oil consumption at:	litre / hr
Prime Power	0.02
<b>Fuel consumption at Prime power : Lit / Hr</b>	
100%	11.9
75%	11.5
50%	6.3
<b>Technical Details</b>	
Power factor	0.8 lagging
Voltage	415 v, 3 phase
RPM	1500
Governor	Electronic class
Oil Change period	550 Hrs or 1 year , whichever is earlier
Starting system/Battery	12 v / 90 AH
<b>Canopy size ( in mm)</b>	
length	2800 mm
width	1200 mm
Height	1650 mm
<b>Noise</b>	
Noise Level	less than 75DBA @ meter distance
Emission/Exhaust	Complies with CPCB II norms
<b>Safety Protection</b>	





Safety protection for low Lube oil	yes
Safety protection for HWT	yes
For overspeed/low speed	yes
For low fuel level	yes

*Above mentioned specification are standard value for 62.5 KVA generator and price may vary with respect to brand*

**Price Estimation:**

The tentative price for 62.5 KVA Silent DG sets are available at MRP 12,90,000 including VAT

Regards

  
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Sr. Electrical Engineer

