



PROPEL_1010 kVA _ Gas Genset_Technical Data		
GG Set Model	PB1010GG	
GG Set Rating	1010 kVA	
Application	Prime Power, Continuous duty	
Fuel	Natural Gas	
Rated Current	1403 Amps	
RPM	1500	
Genset Size (LxWxH) including Acoustic Enclosure (mm)	8000 x 2400 x 3000	
Engine		
Engine model	12M33G10N0/5	
bore diameter /stroke mm	150×185	
Number of Cylinders	12	
Number of Valves	48	
Displacement(L)	39.2	
Gas system	Single Point Injection	
Mixed mode	Electronic Control before Turbocharged mixture	
Engine Rated Power (kW)	900	
Compression Ratio	11:1	
Emission standard	CPCB	
Aspiration	Turbocharged and After cooled	
Gas type	Natural Gas	
Minimum Gas inlet pipe Dia (mm)	80	
Oil type	15W/40 CH-4	
Oil Tank Capacity (Litres)	146	
Turbocharge inlet	temperature (°C)	39.5
	pressure (kPa)	100.4
	humidity (%)	54.90%
Exhaust back pressure	7.5	
Air intake system		
Air mass flow (kg/h)	3816	
Gas system		
Gas quantity @ 100% PRP (kg/h)	159.2	



Alternator	
Make	Leroy Somer/ Meccalte
Rated Volt	415 V
Voltage Regulation	(+/-)1%
Class of Insulation	Class H
Frequency	50 Hz
Power Factor	0.8
Enclosure	IP23
Cooling	IC01
Excitation Type	Self excited and self regulated Brushless
Overload Capacity	10% for 1 Hr in 12 Hrs operation
Manual Control Panel	
ACB	1600 Amps ACB
Digital display	Speed, Lube oil pressure (Trip), Coolant Temperature (Trip), Voltage, Current, KW, KWH, PF, KVA, Frequency

Note :

1. Product development is continuous process, hence data can be changed any time without prior notice.
2. GG Rating in accordance of ISO 8528, ISO 3046/1, BS 5514, DIN 6271 for Prime rated Generator.
3. Fuel consumption tolerance applicable +5%.