

ITL-40 Prime Rating as per ISO8528

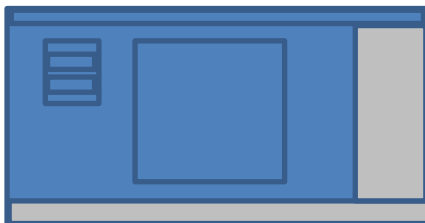
Genset Technical Data		Engine Technical Data	
Genset Rating (kVA)	40	Engine Model	4105GLT
No of Phase	3	Engine Speed (rpm)	1500
Power Factor	0.8	Engine Volume (l)	4.087
Voltage (V)	415	Rated Power (kW) HP	(44) 58.8
Frequency (Hz)	50	No. of Cylinder	4
Current (A)	56	Bore (mm)	105
Controller Type	Standard	Stroke (mm)	118
Starting System	12 V D.C.	Compression Ratio	18.4:1
Genset Weight (kg)	1050	Aspiration	TC
Noise @ 75% load (dBA)	< 75@ 1m	Cooling System	Liquid Cooled
Genset Dimension (LxWxH)	2700 x 1125 x 1610	Cooling System Capacity (l)	17
Battery Type	12 Volt 75AH	Governing	Mechanical A1
Circuit Breaker Rating (A)	62.5	Ambient Temperature °C	< 50°
Alternator Technical Data		Fuel & Oil Systems Technical Data	
Alternator Make	CG/MECC ALTE	Fuel System	Mechanical
No. Bearings	Single Bearing	Type Of Fuel	HSD
Alternator Model		Genset Fuel Tank Capacity (l)	115
Alternator Rating	40	Fuel Consumption @ 100% Load (l/hr)	6.5
Class of Insulation	H	Fuel Consumption @ 75% Load (l/hr)	5.5
Coupling Details	SAE3/10"	Fuel Consumption @ 50% Load (l/hr)	4.75
Voltage Variation (%)	(+/-) 1%	Fuel Consumption Tolerance	0 to +5%
Rated Full Load Current (A)	56	Lube Oil Change Period	500
		Oil Type	15W40 CH4
		Oil Capacity System (l)	12
		Oil Consumption @ 100% load (l/hr)	< 0.1% of FC

\* Meets Latest India CPCB-II as per G.S.R. 771 (E) Dated 11/12/2013 and its further amendments.

**Prime:** This rating is for the supply of continuous electrical power, at variable load, in lieu of commercially purchase power. There is no limitation on the annual hours of operation and 10% over load power can be supplied for 1 hour in 12.

**Standby:** This rating is for the supply of continuous electrical power, at variable load, in the event of a utility power failure. No overload is permitted.

In line with our policy of continuous product development, we reserve the right to change specification without notice.



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