GORAN GENERATOR

KGC400 GENSET

Generating Set Powered By Cummins STAMFORD

Output Ratings

Generating Set Model	Prime Power	Standby Power
1500rpm, 50 Hz	327KWe / 409KVA	360KWe / 450KVA
1800rpm, 60 Hz	364KWe / 455KVA	400KWe / 500KVA

Genset Specifications

Engine Make & Model	**Cummins** QSZ13G7
Origin	India
Alternator Type	**Stamford** HCI444F
Control Panel	Deap Sea - 7310
Circuit Breaker Type	3 Pole MCB
Water Cooling System	
Fully Electronic	
Emission Compliant	

Fuel System	%50	%75	%100
1500rpm, 50 Hz	54	73	89
1800rpm, 60Hz	61	85	102

*Prime Power (l/hr)

International Standards

Engine confirm to ISO 9001:2000, ISO 14001, ISO10054, ISO 3046,BS 5514,DIN 6271. Alternator confirm to ISO 9001, ISO 14001, BS EN 60034, BS 5000,VDE 0530, NEMA MG32-1, IEC34 CSA C-22.2100,AS 1359, BS 1 6861, B En -6-610002:2001

ISO 9001 BUREAU VERITAS Certification — UKAS QUALITY MANAGEMENT

RATING GUIDELINES

PRIME POWER rating corresponds to ISO Standard Power for continuous operation. It is applicable for supplying electrical power at variable load for an unlimited number of hours instead of commercially purchased power. A10 % overload capability for govering purpose is available for this rating.

MAXIMUM STANDBY POWER rating corresponds to ISO Standard Fuel Stop Power. It is applicable for supplying standby electrical power at variable load in areas with well established electrical networks in the event of normal utility power failure. No overload capability is available for this rating. **1 hp = 1 kW x 1.36**

Engine Technical Data

No. of Cylinders / Alignment	6/ In Line
Cycle	4 - Stroke
Aspiration	Turbocharged
Injection	XPI
Bore, mm	130
Stroke, mm	163
Displacement,l	13
Compression Ratio	17.0:1
Starting	24V Electric
Alternators, Amps	24V/35A

Alternator Technical Data

No. of Bearings	Single Bearing
Insulation System	Class H
Excitation	Self Excited
Voltage Regulator	AS440
Protection	IP23
Temperature Rise,°C	125
Regulation	%1.0±
No. of Phases	3
No. of Poles	4

Dimensions & Weights

Length(m)	Width(m)	Height(m)	Weight(kg)	Tank Capacity(L)
3.24	1.13	2.0	3100	380