



XC800-1000

Genset Standby Model
Standby Output

XC 900S
900 KW / 1125 KVA

Genset Prime Model
Prime Output

XC 800
800 KW / 1000KVA

RATING DEFINITIONS

Prime Power Model XC with no Suffix

Prime Power is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO 8528-1. A 10% overload capability is available for a period of 1 hour within 12-hour period of operation, in accordance with ISO 3046-1 and BS5514.

Alternator Model: SLG404I

Prime Output	800 KW / 1000 KVA
Power Efficiency	94.7%
Voltage Regulation	±1.0% with 4% engine governing
Waveform Distortion	No load <1,5% and non-distorting balanced linear load <5%
THF/TIF	<2%/<50
Fan Cooling Air Flow (l/s)	1614

Dimensions and masses

Length	mm	4670
Width	mm	1750
Height	mm	2250
Net Mass	kg	9250

Technical Data

Diesel Engine Model: Cummins KTA38-G5

Engine Characters	Water-cooled, in line, 12 cylinders, direct injection, wet cylinder liner 1500 rpm	Speed Characteristics	The speed bandwidth ≤+0.25%. The steady governing rate <1%
Prime Output (KW)	880	Fuel Consumption (l/h)	209
Standby Output (KW)	970	Lube Consumption (prime)	≤ 1.36g/KWh
Aspiration	Turbocharged and air cooled	Radiated Heat to Ambient	125
Bore (mm) x Stroke (mm)	159 x 159	Heat Rejection to Coolant	539
Cubic Capacity (litres)	37.8	Heat Rejection to Exhaust	544
Piston Speed (m/s)	7.9	Fan Cooling Air Flow	109530 m³/min
Compression Ratio	13.9:1	Intake Air Flow (l/s)	1140
Cooling System Volume	202	Exhaust Gas Flow	10983 m³/h
Maximum Water Temp	100 °C	Exhaust Temperature	499 °C
		Exhaust Back Pressure	6.7 KPA (maximum)