



XC104-130

Genset Standby Model
Standby Output

XC 114S
114 KW / 143 KVA

Genset Prime Model
Prime Output

XC 104
104 KW / 130 KVA

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: SLG274E		Dimensions and masses		
Prime Output	112 KW / 140 KVA	Length	mm	2330
Power Efficiency	91.7 %	Width	mm	750
Voltage Regulation	±1.0% with 4% engine governing	Height	mm	1460
Waveform Distortion	No load <1,5% and non-distorting balanced linear load <5%	Net Mass	kg	1500
THF/TIF	<2%/<50			
Fan Cooling Air Flow (l/s)	514			

Technical Data

Diesel Engine Model: Cummins 6BTAA5.9-G

Engine Characters	Water-cooled, in line, 6 cylinders, direct injection, wet cylinder liner 1500 rpm	Speed Characteristics	The speed bandwidth ≤+0.25%. The steady governing rate <1%
Prime Output (KW)	120	Fuel Consumption (l/h)	26
Standby Output (KW)	132	Lube Consumption (prime)	≤ 1.36g/KWh
Aspiration	Turbo charged	Radiated Heat to Ambient	N/A
Bore (mm) x Stroke (mm)	102 x 120	Heat Rejection to Coolant	N/A
Cubic Capacity (litres)	5.88	Heat Rejection to Exhaust	N/A
Piston Speed (m/s)	6	Fan Cooling Air Flow	11160 m³/min
Compression Ratio	16.5:1	Intake Air Flow (l/s)	N/A
Cooling System Volume	31	Exhaust Gas Flow	1302 m³/h
Maximum Water Temp	100 °C	Exhaust Temperature	524 °C
		Exhaust Back Pressure	10 KPA (maximum)