



XC300-375

Genset Standby Model
Standby Output

XC 330S
330 KW / 413 KVA

Genset Prime Model
Prime Output

XC 300
300 KW / 375 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: SLG314F

Prime Output	304 KW / 380 KVA
Power Efficiency	92.6 %
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)	486

Dimensions and masses

Length	mm	3750
Width	mm	1220
Height	mm	1900
Net Mass	kg	4200

Technical Data

Diesel Engine Model: Cummins KTA19-G2

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)	327	Fuel Consumption (l/h)	83
Standby Output (KW)	360	Lube Consumption (prime)	≤ 1.36g/KWh
Aspiration	Turbocharged and after cooled	Radiated Heat to Ambient	50
Bore (mm) x Stroke (mm)	159 x 159	Heat Rejection to Coolant	206
Cubic Capacity (litres)	19	Heat Rejection to Exhaust	239
Piston Speed (m/s)	7.9	Fan Cooling Air Flow	29448 m³/min
Compression Ratio	14.5:1	Intake Air Flow (l/s)	432
Cooling System Volume	91	Exhaust Gas Flow	4298 m³/h
Maximum Water Temp	100 °C	Exhaust Temperature	524 °C
		Exhaust Back Pressure	10 KPA (maximum)