



Output Ratings

Frequency	Models	Voltage	kVA	kWe
50 Hz	CNE290	380-415V	256	205
60 Hz	CNY250	440-220V	313	250

Rating Definition

Ratings at 0.8pf

Prime Power - Model CNE290

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchase power. There is no limitation to the annual hours of operation.

Standby Power - Model CNY250

These ratings are applicable for supplying continuous electrical power (at variable load) in event of a utility power failure.

No overload is permitted on these ratings.

[*1] CNE290
[*2] CNY250

Technical data

Engine Model:	QSL9G3	
Alternator Model:	UCI434D [*1] UCI274K [*2]	
Number of Cylinders:	6 In-line	
Bore/Stroke :in (mm)	4.49x5.69 (114x145)	
Compretion ratio:	16.8:1	
Aspiration:	Turbo & Change Air Cooled	
Frequency:	50 Hz	60 Hz
Engine Speed:	1500 rpm	1800 rpm
Gross engine power: BHP(kWm)	305 (227)	399 (298)
BMEP: psi (kPA)	297 (2048)	325 (2241)
Piston Speed: ft/min (m/s)	1422 (7.2)	1707 (8.7)
Fuel Consump: lt / hr - 100%load	59	77
Heat Rejection to Exhaust to Jacket Coolant: BTU/min (kWm)	5535 (100)	6940 (125)
Heat Rejection to Exhaust: BTU/min (kWm)	11735 (210)	16015 (285)
Radiated Heat Ambient: BTU/min (kWm)	960 (20)	1160 (25)
Exhaust Temperature: °F (°C)	995 (535)	1105 (595)
Radiator cooling Air Flow: m³/seg - FPM	call factory	call factory
Exhaust Gas Flow: cfm (liter/s)	1685 (795)	2165 (1020)



Note: Standard reference conditions 25°C (77°F) Air inlet Temperature. All engines performance data based on the adobe metioned maximun continuos ratings. Fuel consumption data at full load with diesel fuel with specific gravity of 0.85.

Dimensions and Weights

Length:cm	Width:cm	Heigth:cm	Dry: kgs	Wet: kgs
290	124	173	1737	1778

Generating set picture may include optional accessories



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CNE290
CNY250