



Output Ratings

Frequency	Models	Voltage	kVA	kWe
50 Hz	CNE851	380-415V	800	640
60 Hz	CNY801	440-220V	1000	800

Rating Definition

Ratings at 0.8pf

Prime Power - Model CNE851

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 CNY801

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.

Technical data

Engine Model:	QSK23G3	
Alternator Model:	HCI634G	
Number of Cylinders:	6 Cylinder Inline	
Bore/Stroke :in (mm)	6.69 x 6.69 (170 x 170)	
Compretn ratio:	16.0:1	
Aspiration:	Turbo & Low Temp Aftercooled	
Frequency:	50 Hz	60 Hz
Engine Speed:	1500 rpm	1800 rpm
Gross engine power: BHP(kWm)	940 (701)	1200 (895)
BMEP: psi (kPA)	354 (2441)	377 (2600)
Piston Speed: ft/min (m/s)	1675 (8.6)	2010 (10.3)
Fuel Consump: lt / hr - 100%load	161	212
Heat Rejection to Exhaust System: BTU/min (kWm)	28877 (507)	37334 (656)
Heat Rejection to Jacket Water cooling : BTU/min (kWm)	12252 (215)	15305 (269)
Exhaust Temperature: °F (°C)	990 (532)	957 (514)
Radiator cooling Air Flow: m³/seg - FPM	call factory	call factory
Exhaust Gas Flow: cfm (liter/s)	4786 (2259)	6475 (3056)



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

Dimensions and Weights

Length:cm	Width:cm	Heigh:cm	Dry: kgs	Wet: kgs
450	149	215	5480	5700

Generating set picture may include optional accessories

CNE851  
CNY801



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