

**Output Ratings**

Frequency	Models	Voltage	kVA	kWe
60 Hz	CNY300	208 V	381	300

Rating Definition

Ratings at 0.8pf

Standby Power - Model CNY300

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:	QSL9G5
Alternator Model:	HCI434E
Number of Cylinders:	6 In-line
Bore/Stroke :in (mm)	4.49x5.69 (114x145)
Compreton ratio:	16.8:1
Aspiration:	Turbo & Change Air Cooled
Frequency:	60 Hz
Engine Speed:	1800 rpm
Gross engine power: BHP(kWm)	476 (355)
BMEP: psi (kPA)	387 (2668)
Piston Speed: ft/min (m/s)	1707 (8.7)
Fuel Consump: lt / hr - 100%load	89
Heat Rejection to Exhaust to Jacket Coolant: BTU/min (kWm)	7705 (140)
Heat Rejection to Exhaust: BTU/min (kWm)	17175 (305)
Radiated Heat Ambient: BTU/min (kWm)	2070 (40)
Exhaust Temperature: °F (°C)	1070 (580)
Radiator cooling Air Flow: m³/seg - FPM	call factory
Exhaust Gas Flow: cfm (liter/s)	1355 (640)



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	1991

Generating set picture may include optional accessories



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CNY300