



Output Ratings

Frequency	Models	Voltage	kVA	kWe
60 Hz	CNY1000	480 V	1250	1000

Rating Definition

Ratings at 0.8pf

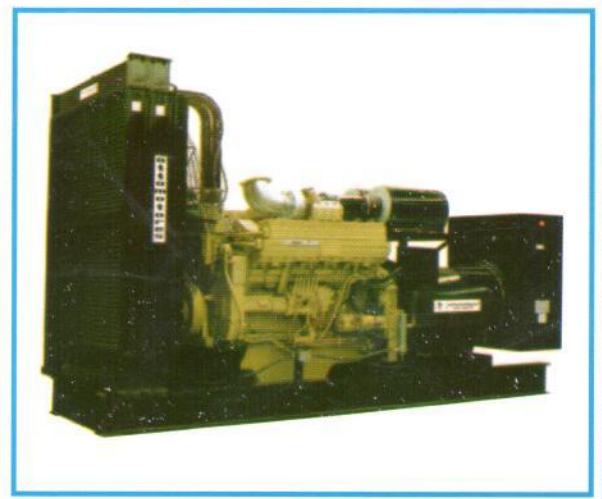
Standby Power - Model CNY1000

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:	QST30G4
Alternator Model:	HCI634J
Number of Cylinders:	12 Cylinder Vee
Bore/Stroke :in (mm)	5.51 x 6.50 (140 x 165)
Compretion ratio:	14.0:1
Aspiration:	Turbo & Low Temp Aftercooled
Frequency:	60 Hz
Engine Speed:	1800 rpm
Gross engine power: BHP(kWm)	1490 (1112)
BMEP: psi (kPA)	352 (2427)
Piston Speed: ft/min (m/s)	1949 (9.9)
Fuel Consump: lt / hr - 100%load	267
Heat Rejection to Exhaust System: BTU/min (kWm)	42130 (740)
Heat Rejection to Jacket Water cooling System: BTU/min (kWm)	20880 (365)
Exhaust Temperature: °F (°C)	975 (525)
Radiator cooling Air Flow: m³/seg - FPM	call factory
Exhaust Gas Flow: cfm (liter/s)	7775 (3670)



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
450	193	245	6535	6932

Generating set picture may include optional accessories