

**Output Ratings**

Frequency	Models	Voltage	kVA	kWe
60 Hz	CNY350	440-220V	438	350

Ratings at 0.8pf

Rating Definition

Standby Power - Model CNY350

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:	NTA855G3
Alternator Model:	HCI434E
Number of Cylinders:	6 Cylinder In-line
Bore/Stroke :in (mm)	5.5 x 6.0 (140 x 152)
Compretn ratio:	14.0:1
Aspiration:	Turbocharged & Aftercooled
Frequency:	60 Hz
Engine Speed:	1800 rpm
Gross engine power: BHP(kWm)	535 (399)
BMEP: psi (kPA)	275 (1896)
Piston Speed: ft/min (m/s)	1800 (9.1)
Fuel Consump: lt / hr - 100%load	96
Heat Rejection to Exhaust System: BTU/min (kWm)	15420 (271)
Heat Rejection to Cooling System BTU/min (kWm)	13375 (235)
Exhaust Temperature: °F (°C)	980 (527)
Radiator cooling Air Flow: m³/seg - FPM	call factory
Exhaust Gas Flow: cfm (liter/s)	3190 (1506)



Note: Standard reference conditions 25°C (77°F) Air inlet Temperature. All engines performance data based on the adobe metioned maximum continuous 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
315	114	184	2861	2982

Generating set picture may include optional accessories



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CNY350