



**POWERED BY  
EXCELLENCE.**

# CATERPILLAR® 3456TA 455 kVA / 364 kW RENTAL GENERATOR SETS

CAT® Rental Power offers an extensive modern fleet of portable Caterpillar Diesel Generators designed to meet the stringent demands and sometimes harsh operating conditions throughout Australia to provide your power requirements from 20 kVA to multi megawatt installations.

CAT Rental Power's new fleet of rental generators with a rating of 350 – 2000 kVA are fitted with a utility grade synchronising panel which also includes the provision to fit ROCOF protection relay's. This synchronising panel allows the generators to operate with the following functions - Manual operation - Island operation - No break transfer - Base load internal control - Base load external control and Automatic mains failure.

## SUMMARY DATA INFORMATION

THIS IS SUMMARY DATA INFORMATION ONLY AND IS NOT FULL SPECIFICATION, SOME EQUIPMENT MAY VARY.

Max. Electrical Output (Prime Power)	455 kVA / 364 kW
Max. Load	696 Amps
Nominal Output Voltage – Phase to Phase	[Volts] +/- 10% 415
Nominal Frequency	[Cycles Per Second/hertz] 50
Overall Length (Metres)	5.5
Overall Width (Metres)	2.0
Overall Height (Metres)	2.6
Weight – Fuel Full	7,980 kg approx.
Weight – Fuel Empty	7,170 kg approx.
Sound Level	85 Db(A) @ 1 Metre
Synchronising/Paralleling Controller	Woodward GCP31

## FUEL

Fuel to be Used	Commercial Diesoline
Fuel Tank Capacity (Litres)	950 approx.
Fuel Reserve at 100% Load with Full Tank	10 Hours @ 364 kW
Fuel Consumption (Litres/hour)	92.5/hour
Fuel Reserve at 75% Load with Full Tank	13.5 Hours @ 273 kW
Fuel Consumption (Litres/hour)	71.7/hour
Fuel Reserve at 50% Load with Full Tank	19 Hours @ 182 kW
Fuel Consumption (Litres/hour)	49.9/hour

ABOVE ARE ESTIMATE CONSUMPTION VALUES ONLY.

**One Network. One Call 1800 800 441 | 24/7 Support**

Melbourne | Adelaide | Perth | Darwin | Townsville | Rockhampton | Brisbane | Sydney

ABN 80 055 274 514

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