

**Energy Power
Systems**

CAT[®]



Mining | Industrial | Utilities | Electrical Contractors | Manufacturing | Quarries | Construction | Exploration | Military | Shipping | Events

CATERPILLAR[®] C18 - 600 kVA Utility Specification

CAT RENTAL POWER GENERATOR SETS



POWERED BY EXCELLENCE

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CATERPILLAR® C18 - 600 kVA Utility Specification



FEATURES

Australian designed and manufactured enclosures and cooling package.

Caterpillar USA manufactured engine with extensive product support available Australia wide.

ADVANTAGES

Optimum performance operating in high Australian ambient temperatures and dusty environment.

World class reliability, performance and product support.

BENEFITS

Increased reliability and lower rental charges per kVA/kW output.

Reduced down time – maximising customer's production.

More power available for a smaller footprint.

Cat Rental Power, the energy rental division of Energy Power Systems, offers an extensive and modern fleet of portable Caterpillar diesel driven generators.

The Cat Rental Power fleet of generators are designed and built specifically to operate in the harsh Australian environment and will deliver maximum output power at high ambient temperatures. Generators range in size from 20 kVA to multi-mega watt installations and are rated for a low BSFC fuel usage.

Cat Rental Power generators with a rating of 350-2000kVA are available with a utility grade synchronising/paralleling generator controller.

CONTROLLER FEATURES INCLUDE:

- Same/different size generator paralleling
- Utility no break transfer
- Automatic mains failure
- Complete power management options for load sharing/paralleling on variable loads
- External control and operation
- Remote communication optional

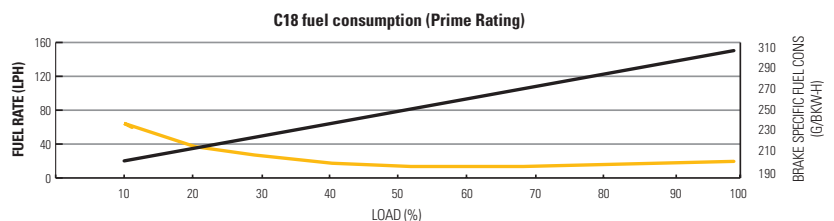
SUMMARY PRODUCT INFORMATION

THIS PRODUCT INFORMATION IS NOT A FULL SPECIFICATION, SOME PARAMETERS MAY VARY.

Maximum Electrical Output (Prime Power @ 0.8 pf)	600 kVA / 480 kW
Maximum Load	834 Amps
Nominal Output Voltage – Phase to Phase	415 Volts (+/- 10 %)
Nominal Frequency	50 (Hz)
Maximum Ambient Temperature	50°C
Maximum Sound Level	85db(A) at 1 mtr
Base / Enclosure Orientation	Skid
Overall Length	4650 mm
Overall Width	1900 mm
Overall Height (Inc exhaust / lifting lugs)	2600 mm

FUEL

Fuel to be used	Commercial Diesoline
Fuel Tank Capacity	1500 ltr approx
Fuel Reserve (Prime Rating)	12 hrs @ 100% Load (480 kW) 16 hrs @ 75% Load (360 kW) 23 hrs @ 50% Load (240 kW)
Weight – Fuel Full	11,300 kg approx
Weight – Fuel Empty	10,000 kg approx



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