

# ENERGYST POWER GENERATORS SPECIFICATION



## POWER GENERATORS 500 KVA

### INSTANT GENERATOR RENTAL – FROM A FEW KW UP TO MULTI MEGAWATTS

Caterpillar is the largest producer of medium and high speed diesel engines, and its generators are known worldwide for their safety and reliability. We have temporary generator rental solutions ranging from a simple power set to multi-megawatt installations. It is heavy-duty equipment with low noise and – alongside base load supply – easy to ramp up and down with soft loading and unloading for peaking power.

Our canopied containers are sound insulated, with super-silent models for extra-sensitive environments. The XQE line provides industry leading fuel efficiency (up to 20% higher) and excellent performance. Ancillaries ensure your power supply meets the highest safety standards, from HV

and LV cables and Powerlock connectors to fuel tanks, and 32- to 3200-A distribution boxes.

Energyst's fuel-efficient and low-emission CAT diesel generator solutions:

- Form modular systems from 75 to 2000 kVA and above
- Produce low emissions, meeting or exceeding local and national standards
- Use DEIF generator controls, with 24/7 remote monitoring and fully automatic synchronisation between the generators or with the grid for peak shaving
- Come with a standard internal, fully bonded environmentally safe double-walled diesel tank

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## TECHNICAL INFORMATION

Model		XQP500 EUIIIa	XQ500 EUIIIa	XQ500E
Rating	-	Prime	Prime	Prime
Frequency	Hz	50	50	50
Voltage range	V	400V / 230V	400V / 230V	400V / 230V
Power capacity <sup>1</sup>	kVA	500	500	500
	kW	400	400	400
Output <sup>2</sup>	A	722	722	722
Breaker 4P	A	800	800	800
Fuel tank	ltr	965	1020	950
Fuel consumption <sup>3</sup>	l/hr	86.8	73.1	76
Running time	hr	11	14	13
Dimensions [LxWxH]	mm	5103 x 1954 x 2292	5325 x 2020 x 2505	5235 x 1758 x 2546
Weight <sup>4</sup> without fuel	kg	5977	6528	6225
Weight <sup>4</sup> with fuel	kg	6879	7468	7033
Sound level <sup>5</sup>	dBA	67	68.5	66,8

1 Performance data quoted in accordance with ISO 8528-1

2 Amps 50Hz at 400V, 60Hz at 480V

3 Fuel consumption measured at 75% load. Fuel density is 850 G/L

4 includes oil and coolant, excludes slings.

5 Sound levels given at 75% prime power load 50 Hz at 7m, Sound data 60 hz is estimated 2 dBA more than 50 Hz based on bare engine data.

6 Design data

7 Data at 100% load

Details are given for guidance only. Exact equipment may vary according to geographical location and availability.  
60Hz versions available on request

**The majority of our rental solutions is equipped with remote monitoring.**

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## WE'D LIKE TO HEAR FROM YOU

If you would like to talk to us, request a rental or have a question there are two ways to contact us.

**CALL US: 00800 3637 4978**

**EMAIL US: [INFO@ENERGYST.COM](mailto:INFO@ENERGYST.COM)**

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