

ENERGYST OFFSHORE POWER GENERATORS SPECIFICATION



OFFSHORE POWER GENERATORS RIGSAFE

ENERGYST CAT RENTAL POWER IS BUILT ON THE LATEST OFFSHORE REQUIREMENTS TO MEET THE DEMANDS OF THE INDUSTRY.

At Energyst we know that safety is a prerequisite in the offshore industry. That is why, together with our partner Caterpillar, we put real energy into designing the best offshore generators available in the market.

Energyst's diesel driven Rig Safe generators are manufactured by Caterpillar and are housed in a custom designed offshore rental package comprising of a canopied generator in a DNV 2.7-1 certified lifting frame. The package has been designed to provide flexibility for all types of end user operation. The equipment packages are classified for use in non-hazardous zone.

The key safety features outlined within the XQ power modules are: air shut off, spark arrestor, emergency stop, stainless steel braided fuel lines, anti-static drive belts and 'Yellow Alert' rig ESD.

Our offshore equipment range also includes transformers, fuel tanks and NORSOK generators.

OUTLINE TECHNICAL/SAFETY SPECIFICATION

1	Chalwyn Valve
2	Exhaust Spark Arrestor
3	ESD Button
4	Anti static drive belts
5	Battery Isolation
6	Yellow alert shutdown module
7	DNV 2.7-1 Offshore lifting frame
8	Generator earth bonded to DNV Frame
9	Braided fuel hoses
10	Front line spares kit
11	Certification document pack

Real energy comes from

Energyst



Energy
Rental
Solutions

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TECHNICAL INFORMATION

Model		XQ250E				XQ500E			
		Prime	Standby	Prime	Standby	Prime	Standby	Prime	Standby
Rating		50		60		50		60	
Frequency	Hz	50		60		50		60	
Voltage Range	V	400V / 230V		480V / 277V		400V / 230V		480V / 277V	
Power capacity ¹	kVA	250	275	250	275	500	550	500	562,5
	kW	200	220	200	220	400	440	400	440
Output	A ²	360	395	305	331	722	795	605	677
Breaker 4P	A	400				800			
Fuel tank	L	1200				1250			
Fuel consumption ³	L/hr	35,2	42,1	41,5	48,9	72,6	91,2	81,3	89,6
	hr	34	29	29	25	17	14	15	14
Dimensions [LxWxH]	mm	4150 x 1395 x 2140				4995 x 1798 x 2513			
Including offshoreframe	mm	4600 x 1800 x 2616				5650 x 2200 x 2966			
Weight ⁴ without fuel	kg	4110				6225			
Including offshoreframe	kg	6210				8875			
Weight ⁴ with fuel	kg	5310				7033			
Including offshoreframe	kg	7410				9683			
Sound level ⁵	dBA	66,9	66,9	68,9	68,9	66,8	66,8	68,8	68,8

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.

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

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