Offshore generators

Offshore power generator specifications

Our diesel driven offshore 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.

Offshore generators

Technical information

Model		XQ250 Offshore	XQ500 Offshore	GU750 Zone II Norsok	XQ1250 Norsok
Frequency	Hz	50 | 60	50 | 60	50 | 60	50 | 60
Prime power	V	400/230 | 480/277	400/230 | 480/277	400/230 | 480/277	400/230 | 480/277
Power Capacity[1]	kVA	250 | 250	500 | 500	600 | 750	1000 | 1137
	kW	200 | 200	400 | 400	480 | 600	800 | 910
Output[2]	A	360 | 305	722 | 605	866 | 902	1445 | 1369
Breaker 4P	A	400	800	1000	1600
Fuel tank	L	1200	1250	720	1190
Fuel consumtion[3]	L/hr	35.2/42.1 | 41.5/48.9	72.6/91.2 | 81.3/89.6	140/155 | 177/193	162/175 | 198/210
Running time	hr	34 | 29	17 | 15	5.2/4.7 | 4.1/3.8	7 | 6
Dimensions [LxWxH]	mm	4600x1800x2616	5650x2200x2966	6058x2438x3057	6058x2438x2590
Weight[4] without fuel	kg	6210	8875	18500	18140
Weight[4] with fuel	kg	7410	9683	19900	19152
Sound level[5]	dBA[3]	66.9 | 68.9	66.8 | 68.8	83	73.9 | 76.8
Remote Monotoring	-	Yes	Yes	No	Yes

Model		QAC1450 TwinPower Norsok	XQ1700 Norsok
Frequency	Hz	50 | 60	50 | 60
Prime power	V	400/230 | 480/277	400/230 | 480/277
Power Capacity[1]	kVA	1364 | 1450	1500 | 1700
	kW	1091 | 1160	1200 | 1360
Output[2]	A	1970 | 1744	2167 | 2047
Breaker 4P	A	2x1250	2500
Fuel tank	L	2x793	1650
Fuel consumtion[3]	L/hr	189.1 | 207.6	236/258 | 269/297
Running time	hr	8 | 7.5	7 | 6
Dimensions [LxWxH]	mm	6058x2438x2900	6058x2438x2896
Weight[4] without fuel	kg	18200	22500
Weight[4] with fuel	kg	19700	24000
Sound level[5]	dBA[3]	73 | 76	85
Remote Monotoring	-	Yes	Yes

NEW FLEET

We have Zone II approved and TwinPower generators in our fleet, contact us for more information.

Details are given for guidance only. Exact equipment may vary according to geographical location and availability.

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. (including offshore frame on XQ250 and XQ500)
5. Sound levels given at 75% prime power load 50 Hz at 7m, Sound data 60 hz is estimated 2 dBa more then 50 hz based on bare engine data

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