

YOUR PARTNER FOR RENTAL AND CONSTRUCTION

Cat® 60-500 kVA XQP EU Stage IIIA Rental Gensets

XQP60, XQP100, XQP150, XQP275, XQP500



OUR PROMISE. YOUR POSSIBILITY.



FEATURES

ENGINE

Reliable Cat® high performance diesel engines power these gensets to deliver industry-leading fuel efficiency and product life. Integrated spark arresting silencer with flexible connectors is in separate compartment. Service points are positioned for safe, easy access. All gensets are shipped with engine oil and coolant.

WATER INGRESS PROTECTION

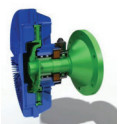
45 degree edge doors prevent rainwater collecting on the top. Arched door frames ensure any water on top will run onto the floor instead of falling on the equipment. Rotational compression door latches provide positive door sealing. Sloping door seals above doors prevent water collection and create a better seal against inclement weather.

ALTERNATOR

Designed to match performance and output characteristics of Cat diesel engines. Coastal Insulation Protection (100% protection against humidity); Self (shunt) excitation; Class H temperature rise.

VIBRATION ISOLATORS

Rubber and pad anti-vibration mountings isolate tank base and control tower from engine/generator assembly.



VARIABLE SPEED (VISCOUS DRIVE) FAN (XQP275/XQP500)

Variable-speed, controlled via ECM depending on operating conditions. No servicing of viscous drive required. Fan speed varied in response to load and environmental conditions, controlled by ECM. Improved fuel efficiency. Reduced moisture/dust ingress at lower fan speeds. Significant reduction in noise at normal operating range.



LIFTING ARCH

Designed to lift the entire generator set from the center of the unit, the arch has been tested to lift four times the maximum possible weight configuration, including all onboard liquids.



BATTERY DISCONNECT

Relocated to become more visible and easier to the user to switch it on/off.



DOOR LATCHES

Rotational compression door latches, providing positive door sealing by pulling inward to compress the seal.



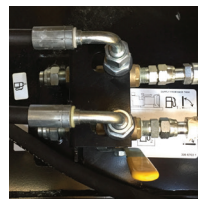
CONTROLS

EMCP 4.2B Controls – Fully featured power metering, protective relaying, and engine/generator control and monitoring. Includes new rental features: PLC functionality (separate configuration tool); Load Histogram; configurable home screen; Fuel Level (%); Bund Level (%). Provides expanded genset protection and monitoring.



FREQUENCY SWITCHING

For flexibility in use with different electrical systems, all XQP products are switchable between 50 and 60 cycle, which can be done without contacting the factory or connecting any service tool.



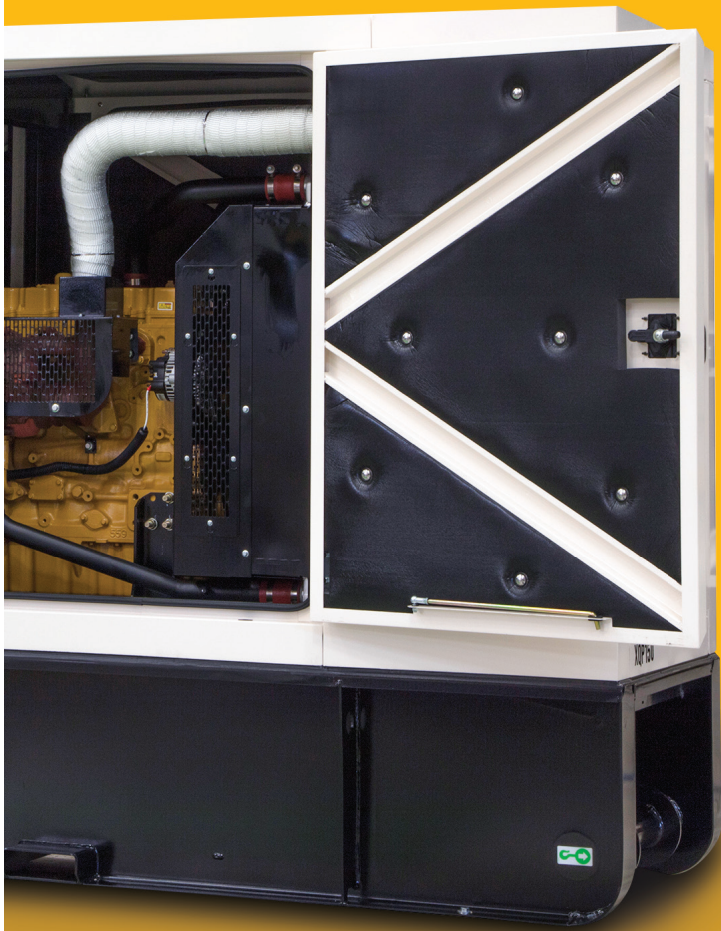
3-WAY FUEL VALVE

Auxiliary connections for customer-supplied fuel transfer with 3-way fuel transfer system, internally mounted within the bunded area.



SPARK ARRESTING DESIGN

Exhaust system with integrated fully certified spark arresting silencer with flexible connectors, in separate compartment.



CEE DISTRIBUTION SOCKET

Power cubicles are located at the side/rear of the genset with cable terminations and suitably rated CEE form socket outlets with earth leakage protection. Allows for safe and easy connection to site loads.



RUNNING TIME

Our redesigned fuel tank delivers improved performance, serviceability, and maintenance access with maximum genset running time. Fuel fill can only be reached through lockable access doors.



EQUIPMENT
MANAGEMENT



PRODUCTIVITY



SAFETY



SUSTAINABILITY

CAT® CONNECT

Cat® Connect makes smart use of technology and services to monitor and manage your fleet. You can easily take control of your jobsites via remote monitoring and geofence. You can check whether a genset is in operation, monitor its usage, view the alarms, schedule maintenance and calculate the total cost for that genset. Enhance your production, reduce costs and improve safety with Cat Connect.



DESIGN TO BE TRANSPORTED

Drag bar and round base corners, fork lift pockets, 4-point base lift, and lifting arch tested to 4G, including all onboard liquids, are all available to make it easy to be moved and relocated to your sites.



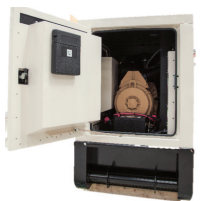
DISTRIBUTION SYSTEM

Robust steel enclosure, separate hinged, lockable door with rust-resistant pinned hinges. Main circuit breaker 4-pole, shunt trip wired to distribution door safety switch. Two-wire remote start/stop terminals and 120-240 VAC auxiliary power connection for rapid starting.



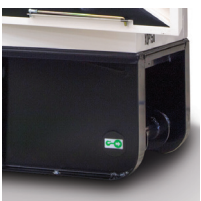
CUSTOMER CONNECTION

Strengthened customer connections. Isolated from breaker to prevent damage. Copper bus with safety interlock and phase barriers. Perplex viewing window with clear indication of phase connections. Isolation switch: trips breaker if door is opened. Noise shielded from main genset engine compartments.



SERVICEABILITY

Excellent service access provided through six lockable (padlock/keylock) access doors. Front and rear hinged doors provide access to the radiator and muffler system as well as the generator and electrical distribution area. The four doors on either side give access to engine compartments.



BASEFRAME

Dual-wall open-top fuel tank for environmental protection, allows for leak detection sensors. 110% bund capacity. Lifting points, forklift pockets, and drag points.

OPTIONS



COMAP INTELIGEN

InteliGen NT Base Box design.

InteliVision 5-door mounted

display unit. Suitable for single

or multiple genset control. Auto sync and

load sharing. Advanced customisation and

integrated PLC functions.



DEIF AGC4

Base controller in panel with

door-mounted display. Suitable

for single or multiple genset control. Auto

sync and load sharing. Comprehensive

and flexible power management and

protection feature set.



CEE SOCKETS

CEE socket option is available to reduce

installation time and provide trouble-free

power distribution.

More options available.

SPECIFICATIONS

MODEL	ENGINE	kVA (kW)	
		50 Hz PRIME @ 400V	60 Hz PRIME @ 440V
XQP60	Cat C4.4 EU Stage IIIA	60 (48)	67 (54)
XQP100	Cat C4.4 EU Stage IIIA	100 (80)	100 (80)
XQP150	Cat C7.1 EU Stage IIIA	150 (120)	182.5 (146)
XQP275	Cat C9 EU Stage IIIA	275 (220)	343 (275)
XQP500	Cat C15 EU Stage IIIA	500 (400)	525 (420)

MODEL	SOCKETS	OUTPUT AMPS @ 400V	BUSBARS*	BREAKER 4P AMPS	16A	32A	63A	125A
XQP60	Sockets* (CEE Form)	87	3p+N+E M12	125	2x 1ph+N+E	1x 3ph+N+E	1x 3ph+N+E	N/A
XQP100	Sockets* (CEE Form)	144	3p+N+E M12	200	2x 1ph+N+E	1x 3ph+N+E	1x 3ph+N+E	N/A
XQP150	Sockets* (CEE Form)	216	3p+N+E M12	250	2x 1ph+N+E	2x 3ph+N+E	1x 3ph+N+E	1x 3ph+N+E
XQP275	Sockets* (CEE Form)	397	3p+N+E M12	630	2x 1ph+N+E	2x 3ph+N+E	1x 3ph+N+E	1x 3ph+N+E

*Busbar connection is standard. Distribution sockets are optional.

MODEL	DIMENSION (mm)			WEIGHT (kg)		FUEL SYSTEM		SOUND LEVEL db(A) (50 Hz)
	LENGTH	WIDTH	HEIGHT	WITHOUT FUEL	WITH FUEL	CAPACITY	AUTONOMY @ 75% prime rating	@ 75% load at 7 meter
XQP60	2610	1120	1777	1693	2007	300	24 Hours	62.8
XQP100	2770	1120	1846.5	2027	2456	410 L	24 Hours	67.2
XQP150	3520	1120	2226	2547	3124	590 L	24 Hours	64
XQP275	4065	1400	2124	3880	4518	717 L	13,5 Hours	66.4
XQP500	5103	1954	2292	5977	6879	1061 L	11 Hours	67

To find your nearest dealer, go to www.cat.com/dealer-locator

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