



XQ Line Rental Package



Arrangement shown with optional trailer with pintle hitch.

Sound Attenuated

350 kW
225 kW
125 kW

Prime Power including 10% overload



FEATURES

■ ENCLOSURE – SOUND ATTENUATED

Made with 12 gauge steel. Includes single point lifting eye. Sound levels – low 70s dbA @ 7 m (22 ft) at no load. See chart on page 2 for specifics. Generator Set/ EMCP II Repower Kits available for repower.

■ RUGGED DESIGN FOR RENTAL ENVIRONMENT

Packages designed to survive in rugged and maintenance starved environments.

■ EMCP II CONTROL PANEL

Shock mounted with panel lights.

■ RELIABLE, FUEL EFFICIENT DIESEL

The compact, four-stroke-cycle diesel engine combines durability with minimum weight while providing dependability and economy.

■ MULTI-VOLTAGE DISTRIBUTION PANEL WITH LOCKABLE DOORS

Rust-free hinges on side opening doors. Adequate space for line and plug connection without interference when door is closed.

■ EPA AND CARB CERTIFIED

XQ350, XQ225, and XQ125 emission certified for non-road mobile applications.

XQ350, CATERPILLAR® 3406 ENGINE

I-6, Four-Stroke-Cycle Watercooled Diesel
Bore — mm (in)..... 137 (5.4)
Stroke — mm (in)..... 165 (6.5)
Displacement — L (cu in)..... 14.6 (893)
Compression Ratio..... 14.5:1
Aspiration..... Turbocharged-Aftercooled

XQ225, CATERPILLAR® 3306 ENGINE

I-6, Four-Stroke-Cycle Watercooled Diesel
Bore — mm (in)..... 121 (4.75)
Stroke — mm (in)..... 152 (6.0)
Displacement — L (cu in)..... 10.5 (638)
Compression Ratio..... 15:1
Aspiration..... Turbocharged-Aftercooled

XQ125, CATERPILLAR® 3304 ENGINE

I-4, Four-Stroke-Cycle Watercooled Diesel
Bore — mm (in)..... 121 (4.75)
Stroke — mm (in)..... 152 (6.5)
Displacement — L (cu in)..... 7.0 (425)
Compression Ratio..... 16:1
Aspiration..... Turbocharged-Aftercooled

Voltages available – 60 Hz 3406

120/208, 277/480, 600, 139/240

3306 & 3304

120/208, 139/240, 277/480, 600 (Adjustable a minimum of ±10%).

Some voltages require derating.

Caterpillar EMCP II Control Panel 24 Volt DC Control

Vibration isolated
NEMA 12 enclosure
Dead front
Lockable hinged door
Generator instruments meet ANSI C-39-1



XQ LINE RENTAL PACKAGE

STANDARD EQUIPMENT

Generator Set Package

Air cleaner, dual element
 Alternator, charging battery and mounting
 Base, fuel tank skidable, 8 hour min.,
 full load fuel capacity
 Breather, crankcase oil, lubricating
 EMCP II control panel
 Enclosure, 12-gauge steel
 with foam sound suppression
 Fuel level gauge
 Generator with VR3 voltage regulator
 Guards, protection
 alternator, fan, belts
 Radiator, 112° F
 coolant, 50% glycol
 Turbocharged-aftercooled on XQ125, XQ225
 & XQ350
 Woodward electronic 524 governor on XQ125,
 XQ225 & XQ350

Distribution Panel

Bus bar connections
 easy access for connections through bottom of
 unit, even when it is lowered to the ground
 Lockable doors
 side hinged lockable doors with rust-free pinned
 hinges. Designed with adequate space to allow for
 connection of the 250 volt twist lock plug with the
 door closed.

Receptacles with Individual Circuit Breakers

1 - 240V, 50 amp
 2 - 120V, 15 amp duplex
 2 - 120V, 20 amp twist lock
 Remote start/stop contacts

Main Circuit Breakers

Current transformers, hard mounted
 built-in quick change 240/480V
 voltage board on XQ350
 Separate 240V and 480V bus bar sets on XQ225 &
 XQ125 with both voltages available simultaneously
 240V and 480V or 600V, CSA approved

OPTIONAL EQUIPMENT

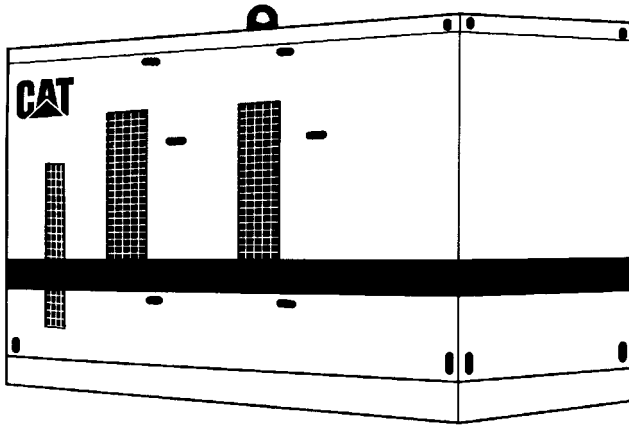
Trailer with adjustable hitches on XQ225 & XQ125
 Air inlet shutoff
 Battery charger
 CSA approval
 Jacket water heater
 Space heater
 Trailer with pintle hitch on XQ350

TECHNICAL DATA

3406, 3306, 3304 Generator Sets		XQ350	XQ225	XQ125
Engine		3406	3306	3304
Prime power rating (w/10% overload) @ 0.8PF with fan	kW	350	225	125
Engine horsepower	bhp	519	316	196
Aspiration		TA	TA	TA
<i>Dimensions with Trailer</i>				
Length	mm (in)	6147 (248)	5385 (221)	5385 (220)
Width	mm (in)	2388 (95)	1956 (75)	1956 (75)
Height (with lifting eye)	mm (in)	3531 (140)	2612 (103)	2612 (103)
Shipping weight (wet)	kg (lb)	6356 (14 000)	4990 (11 000)	4404 (9800)
Engine lubricating oil capacity	L (qts)	37.9 (40.0)	29.0 (31.0)	21.8 (23.0)
Engine coolant capacity w/radiator	L (gal)	89.1 (23.5)	45.5 (12.0)	31.8 (8.4)
Fuel tank capacity	L (gal)	758 (200)	530 (140)	530 (140)
Fuel consumption prime +10% load w/fan	L/hr (gph)	100.8 (26.6)	66.2 (17.5)	37.3 (9.9)
Fuel consumption (100% prime) w/fan	L/hr (gph)	92 (24.3)	59.9 (15.8)	33.8 (9.0)
Fuel consumption (75% prime) w/fan	L/hr (gph)	70.4 (18.6)	44.8 (11.9)	25.6 (6.8)
Running time @ 75% prime	hr	10.8	11.8	20.6
Sound level — Prime +10%	dbA	74.1	72.3	68.8
	dbA	73.2	71.1	68.4
	dbA	69.6	70.8	64.9

XQ LINE RENTAL PACKAGE

CATERPILLAR®



Enclosure

- 12-gauge steel is durable, rugged and provides added sound suppression.
- Pad-lockable doors prevent vandalism or unsafe operating conditions.
- Powder-coated hinges, hinge gaskets and stainless steel hardware provide superior rust corrosion protection.
- Separate vented battery compartment allows easy access to batteries which are housed in a separate, clean environment for longer life.
- Vertical radiator and exhaust discharge plenum contributes to sound attenuation performance. Directs hot air and diffuses radiator discharge and exhaust gases upward, away from bystander and package. Allows for placement of radiator end next to a building or other obstruction that may restrict flow to the radiator.
- Single point lifting arch for easy handling and lifting.
- Sound attenuation satisfies customer requirement for quiet rental units. Eliminates noise complaints.

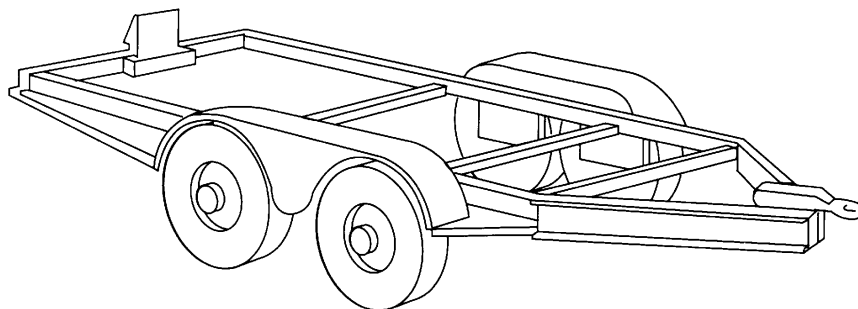
	XQ350	XQ125 & XQ225
Length — mm (in)	4445 (175.0)	4039 (159.0)
Width — mm (in)	1550 (61.0)	1143 (45.0)
Height — mm (in) (to lifting eye)	2743 (108.0)	2210 (87.0)

Fuel Tank Base

- Full single shift capacity integral fuel tank allows maximum operating hours with minimum fuel servicing. Integral structural cross members provide controlled fuel load baffling and weight transfer during transit.
- Fuel system filler and gauge group with overflow drain.
- Fork lift pockets are 10" x 6" to accept largest forks for easy handling.

	XQ350	XQ125 & XQ225
Length — mm (in)	5144 (202.5)	4788 (188.5)
Width — mm (in)	2388 (94.0)	1956 (77.0)
Height — mm (in) (top of fender)	870 (34.25)	876 (34.5)

With running gear and short tongue



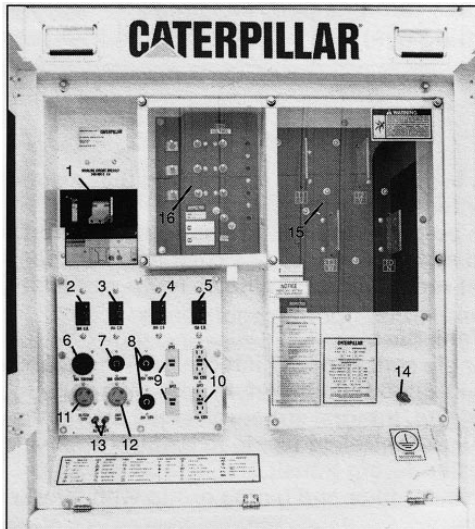
Trailer Option

- Independent trailer frame allows easy removal or installation using the same lifting equipment which handles the generator package. Trailer package is delivered road ready. Design allows tongue to bolt directly to frame and be towed away completely self-contained. Brakes and lighting do not require labor to bleed the brakes or reconnect the wiring.
- I.C.C. lighting, license plate bracket and standard mating connector meet Federal and Canadian codes for use throughout North America.

- Hydraulic brakes have safety breakaway.
- Full length fenders with skid tread keep generator package clean, provide safe footing. 3/8" dia. safety chains and forged grab hooks meet Federal and Canadian regulations and provide positive means to adjust to multiple towing vehicles for safe transportation.
- Reinforced 5,000 lb rated, swivel mounted tongue jack eliminates tongue distortion and premature jack failure.
- Parking brake standard on XQ350 and XQ225.

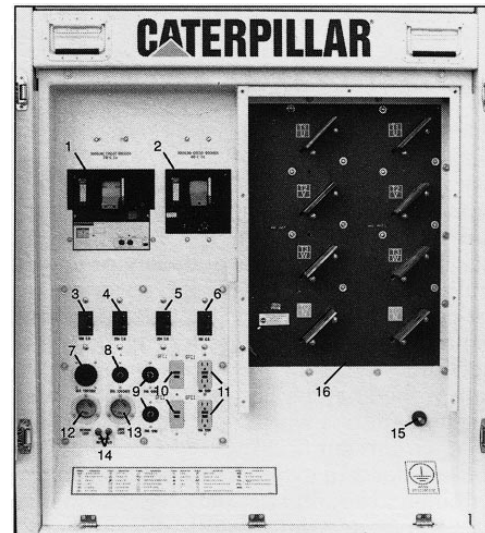
DISTRIBUTION PANEL

- Locking distribution panel doors for vandal-proof operation or storage. Assures safe operation.
- Distribution panel labeling allows for inexperienced rental customers to safely identify output voltages.
- Output terminals spaced to allow for multiple output cable hook-up. Safety cover interlock does not allow unit to start unless safety cover is in place.
- Multiple voltage and amperage receptacles with individual circuit breakers for protection.
- EMCP II (Electronic Modular Control Panel) is shock mounted in separate enclosure compartment for easy viewing and servicing. Features exterior emergency stop button.
- A.C. male receptacles for optional jacket water heater, generator space heater, or battery charger safely provides shore power to keep the generator in ready-to-start status.



XQ350 — 240/480 volt distribution panel

1. 600/1200 amp adjustable trip on 240/480V unit
2. 50 amp 240V branch breaker
3. 20 amp 240V branch breaker
4. 20 amp 120V branch breaker
5. 15 amp 120V branch breaker
6. 50 amp 240V receptacle
7. 20 amp 240V receptacle
8. 20 amp 120V receptacle
9. 20 amp 120V ground fault interrupter
10. 15 amp 120V duplex receptacle
11. 30 amp 120V optional jacket water heater & battery charger receptacle
12. 30 amp 120V optional JWH receptacle
13. Remote start/stop contacts
14. 1/2" ground stud
15. Load connection bus board (1/4 x 4 x 4 bus bars)
16. Voltage change board shown in low voltage position



XQ125 & XQ225 — 240/480 volt distribution panel

1. XQ225: 800A main 240V
XQ125: 500A main 240V
2. XQ225: 400A main 480V
400A main 600V
XQ125: 250A main 480V
250A main 600V
3. 50 amp 240V branch breaker
4. 20 amp 240V branch breaker
5. 20 amp 120V branch breaker
6. 15 amp 120V branch breaker
7. 50 amp 240V receptacle
8. 20 amp 240V receptacle
9. 20 amp 120V receptacle
10. 20 amp 120V ground fault interrupter
11. 15 amp 120V ground fault interrupter duplex receptacle
12. 30 amp 120V optional battery charger/generator space heater receptacle
13. 30 amp 120V optional JWH receptacle
14. Remote start/stop contacts
15. 1/2" ground stud
16. Dual voltage load connection bus board (1/4 x 4 x 4 bus bars)

RATING DEFINITIONS AND CONDITIONS

Prime — Output available with varying load for an unlimited time. Prime power in accordance with ISO8528. 10% overload power in accordance with ISO3046/1, AS2789, DIN6271, and BS5514 available on request.

Ratings are based on SAE J1349 standard conditions. These ratings also apply at ISO3046/1, DIN6271, and BS5514 standard conditions.

Fuel rates are based on fuel oil of 35° API (16° C or 60° F) gravity having an LHV of 42 780 kJ/kg (18 390 Btu/lb) when used at 29° C (85° F) and weighing 838.9 g/L (7.001 lb/U.S. gal.). Lubricating oil — requires CF-4 oil.

Additional ratings may be available for specific customer requirements. Consult your Caterpillar representative for details.

Materials and specifications are subject to change without notice.

The International System of Units (SI) is used in this publication.