

Product Specifications For XQ2280 Tier 4 Final



Generator Set

Rating Prime	1825 ekW (2280 kVA)
Frequency	60 Hz
Voltage	480/277 V
Fuel/Emissions Strategy	U.S. EPA Tier 4 Final
Rating Standby	2000 ekW (2500 kVA)

Engine

Engine	Cat® 3516C
Fuel	Diesel

Dimensions

Width - Without Chassis	96 in
Height - Without Chassis	2896 mm
Length - Without Chassis	576 in
Weight - Without Chassis, With Lube Oil and Coolant	82000 lb

XQ2280 Tier 4 Final Standard Equipment

Cat 3516C Diesel Engine

Reliable, rugged, durable design
Electronic ADEM A4 engine control
EPA Tier 4 Final and CARB Emissions Certified
Turbocharged, air to water aftercooled
Aftertreatment module. DEF System

Alternator And Alternator Attachments

3 Phase, brushless, 12 lead, Permanent Magnet Excited

1667 Frame

Coastal insulation protection and anti-condensation space heaters

Integrated voltage regulator (IVR) with VAR/PF control

Sized for 120°C temperature rise at 40°C ambient

Control Panels

EMCP 4.4 Genset mounted digital controller

Externally accessible Color Touch-Screen HMI Control Center

Manual and automatic paralleling capability

Governing System

Electrical governing system ADEM™ A3

Cat Connect Remote Monitoring

Provides package monitoring and management

Cooling System

Horizontally, isolation-mounted radiator with vertical air discharge from the container

Provides 43°C ambient capability at Prime rating and 500m

Charging / Starting System

120V, 50 Amp battery charger

60 Amp charging alternator

Solar maintainer for batteries

Dual 24V Electric Starting Motors

Fuel System

1050-gal (3975 L) double-wall fuel tank, UL 142 and ULc 601 Listed and complies with Transport Canada requirements, 10-hour runtime @ 75% prime, external fuel fill

Transfer pump to on-board and off-board fuel

Primary fuel filters (3x) with integral water separator

External connections for fuel transfer and fuel tank overflow

Distribution

Externally accessible, Vibration Isolated, 3200A LSIG, UL Listed, 100 kAIC breaker with advanced protections and power metering

Busbar connections

Removable plexiglass plate w/safety switch for live bus protection

Sound Attenuated Container

48' ISO high cube container

Sound level is 81 dB(A) at 7 meters per SAEJ1074 measured at 75% prime load

Sound attenuated air intake louvers and five lockable personnel doors with panic release

Lube System

Full flow oil filters with water-cooled oil cooler
Oil drain lines routed to the engine rail

General

Factory tested and inspected
Full manufacturer's warranty
UL, NEMA, ISO, and IEEE standards