



CONTINUOUS 1250 KW POWER MODULE

60 Hz with On-Package Auto
Paralleling Control System

Voltage	Continuous kW (kVA)
480/277V	1250 (1562.5)

FEATURES

The XQ1250G incorporates a wide range of rugged features into a mobile, natural gas powered, rental package. Each unit is factory designed and production tested to deliver a package ready to be connected to your fuel and power lines. Supported 100% by your Cat dealer with warranty on parts and labor with Extended Warranty available in most areas. The generator set is designed and manufactured in an ISO 9001:2000 compliant facility. Generator set and components meet or exceed the following specifications:

AS1359, AS2789, ABGSM TM3, BS4999, DIN6271, DIN6280, EGSA101P, JEM1359, IEC 34/1, ISO3046/1, ISO8528, NEMA MG1-22

RELIABLE, FUEL EFFICIENT GAS ENGINE

The compact, four-stroke-cycle Cat® G3516 Low Emission gas engine combines durability with minimum weight while providing exceptional dependability, economy, and power density. The G3516B uses a new robust kilowatt based air to fuel ratio control system providing enhanced system performance. The fuel system is designed for maximum performance on low pressure pipeline natural gas (5-10 psi to the container).

CAT SR4B GENERATOR

Single bearing, wye-connected, static regulated, brushless, permanent magnet excited, the Cat SR4B 824 frame generator designed to match the performance and output characteristics of the Cat gas engine driving it.

CAT ON-PACKAGE AUTO PARALLELING SYSTEM

Provides single unit stand alone, paralleling with other units, and single unit-to-utility paralleling capability (consult your local Cat Dealer to ensure correct application and transient load performance). Operational modes are standby or base load control with soft load/unload and power factor control. Utility/intertie protection features provided by the standard Utility Multi-function Relay (UMR).

CAT COOLING SYSTEM

Remote horizontally mounted radiator with vertical discharge for close proximity to buildings. Sized compatible to rating with energy efficient electric drive fan and core. The cooling system provides 43° C (104° F) ambient capability for continuous 1 g/bhp NO_x rating or 38° C (100° F) ambient capability for 0.5 g/bhp NO_x rating.

EXCLUSIVE CAT DIGITAL VOLTAGE REGULATOR (CDVR)

Three-phase sensing and adjustable Volts-per-Hertz regulation give precise control, excellent block loading, and constant voltage in the normal operating range.

ENVIRONMENTALLY FRIENDLY

110% spill containment of onboard engine fluids
Positive crankcase fumes ventilation

SOUND ATTENUATED CONTAINER

CSC approved for ease of transportation and protection. Enclosure designed with 4 inch sound attenuating panels and air inlet louvers, and critical grade exhaust silencer.