



PowerLINE®

RG15/UG15 Series 24

Lifetime CARB Compliance

RG15 Clip
69RG15-120W-24



UG15 Undermount
69UG15-068S-24

FuelWise

Simply innovative

PowerLINE Series 24

With the new PowerLINE generator sets, lifetime CARB compliance is surprisingly simple.

Carrier Transicold's newest Series 24 PowerLINE generator sets build on our rugged and robust high-efficiency platform with an innovative new design.

Includes key features of our well-accepted platform

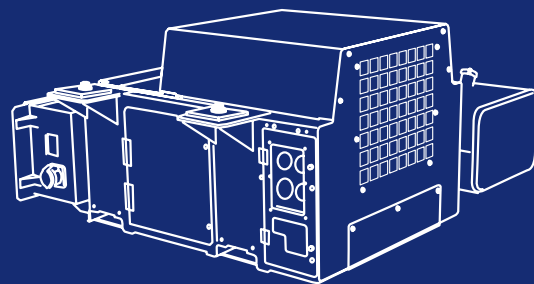
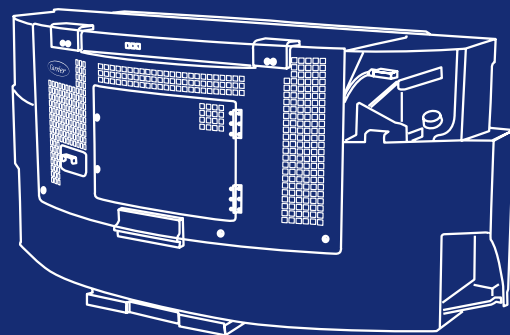
- Ultra-high-efficiency generator enables full power for ISO reefers
- FuelWise™ two-speed functionality for up to 34% fuel savings relative to prior models without FuelWise

Introduces a lower emission engine that allows use in California indefinitely*

- No limitations on California Air Resources Board (CARB) life and no aftertreatment or emissions upgrades required for extension
- Engine's common-rail fuel injection is supported by an enhanced fuel filtration system and diesel oxidation catalyst
- Combined, these clean engine technologies push particulate, hydrocarbon and NOx emissions to new lows, helping customers achieve their sustainability goals
- The engine does not require complex exhaust gas recirculation (EGR) to achieve emissions targets

Reduced fuel consumption extends range of distances traveled and reduces carbon footprint

Simply put, PowerLINE generator sets offer efficient, environmentally responsible and compliant innovations, punctuated by a proven design.



More Sustainable



A **96% reduction** in particulate emissions makes the PowerLINE Series 24 unit the greenest in the PowerLINE series.

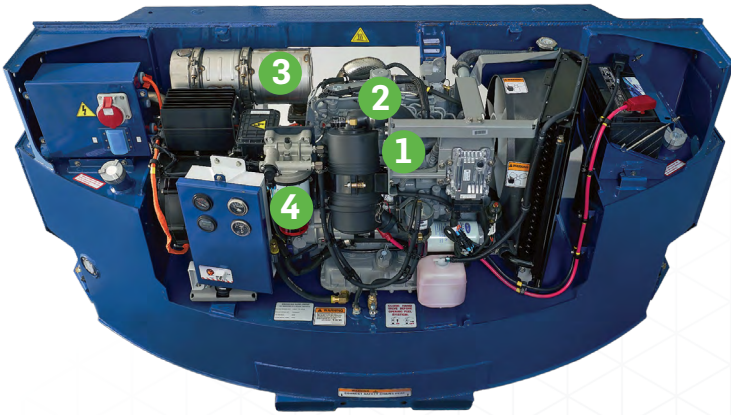


Enhanced Regulatory Compliance

PowerLINE Series 24 unit is EPA Tier 4 compliant and provides **lifetime compliance** with current CARB requirements without the need for future engine emissions systems.

* Based on CARB's Airborne Toxic Control Measure for In-Use Diesel-Fueled Transport Refrigeration Unit Gensets (TRU Gensets), 2022 Amendments.

Building on our high-efficiency, service-friendly design...



~ 94% efficient
custom-designed permanent
magnet generator



2-speed controller
for automatic voltage and
FuelWise control, no user
interaction required

...with innovation at every turn

- 1 NEW: 2-Speed Kubota 2.4 liter Engine**
compliant with EPA Tier 4 regulation for engines less than 25 HP (19 KW) and CARB's 2022 amendments to the Airborne Toxic Control Measure for Transport Refrigeration Units.
- 2 NEW: Common-Rail Fuel Injection** that reduces particulate matter emissions and lowers fuel consumption.
- 3 NEW: Maintenance-Free Diesel Oxidation Catalyst** that reduces hydrocarbon and other emissions.
- 4 NEW: Enhanced Fuel Filtration** that supports common-rail fuel injection.

Fuel Efficiency Advantage Continues

Our PowerLINE Series 24 is built on the ultra-high-efficiency generator and two-speed FuelWise platform in PowerLINE Series 22 units.



PowerLINE Series 24 models continue to deliver **up to 34% fuel savings** vs. previous models without FuelWise.

Safe and Secure Mounting (RG15 Clip and UG15 Undermount)



Header pin (RG)

For clip mounting, our pin-mounting bracket design saves time.



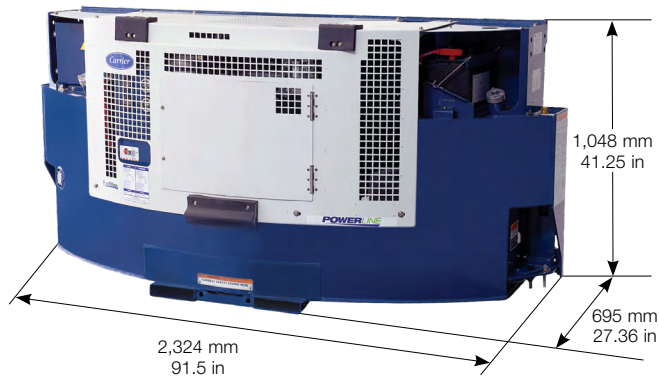
Standard clamp (UG)

The undermount has a standard four-point mounting that is easy to install.

Performance Specifications: **PowerLINE Series 24**

RG15 Clip

69RG15-120W-24



Specifications are subject to change without notice.

Standard Features:

V2403-CR-E4B, 4-cylinder, water-cooled, 2.4-liter, Common rail injection diesel engine
Nominal 15 kW high-efficiency permanent magnet generator
Controller with enhanced FuelWise functionality
120-gallon fuel tank
Pin-mount system
High-efficiency dry element air cleaner
Full-flow spin-on oil filter with internal bypass
Integral fuel filter with water separator
Fuel heater
Stainless steel exhaust
Stainless steel hardware
Low-mounted controls
Large aluminum service access door
Enclosed forklift pockets
12V DC maintenance-free battery
Safety stop controls for low oil pressure, high water temperature
Frame and sheet metal components powder-coated for durability
Patented E-coat tube and fin radiator

Large oil pan capacity extends running hours between oil changes
Fuel gauge, color-coded for easy level identification from a distance
Oil pressure and water temperature gauges
DC ammeter
Shipping bumpers
Power output circuit breaker
Start/Run, Preheat/Off switch
Coolant overflow bottle
Engine Hourmeter
Solid-state battery charger
Operating instruction labels (English and Spanish)
Maintenance and schematic labels
460V receptacle with spring-loaded cap

Accessories and Options:

Clamp-mount system

Approximate Weight:

1974 lb/895 kg, less fuel

UG15 Undermount

69UG15-068S-24



Specifications are subject to change without notice.

Fuel tank lengths:

50 gal (189 L) = 1,143 mm (45.0 in)
68 gal (257.5 L) = 1,485 mm (58.5 in)
80 gal (303 L) = 1,632 mm (64.3 in)

Standard Features:

V2403-CR-E4B, 4-cylinder, water-cooled, 2.4-liter, Common rail injection diesel engine
Nominal 15 kW high-efficiency permanent magnet generator
Controller with enhanced FuelWise functionality
All-steel fabricated frame construction with four-point PlateMount system
High-efficiency dry element air cleaner
Full-flow spin-on oil filter with internal bypass
Integral fuel filter with water separator
Fuel heater
Stainless steel exhaust
Stainless steel hardware
Driver-side controls
Large aluminum service access door
Battery access door
Forklift pockets allow mounting from either side
12V DC maintenance-free battery
Safety stop controls for low oil pressure, high water temperature
Frame and sheet metal components powder-coated for durability
Patented E-coat tube and fin radiator

Large oil pan capacity extends running hours between oil changes
Fuel gauge, color-coded for easy level identification from a distance
DC ammeter
Power output circuit breaker
Start/Run, Preheat/Off switch
Coolant overflow bottle
Engine hourmeter
68-gallon integral fuel tank
Operating instruction labels (English and Spanish)
Maintenance and schematic labels
Oil pressure and water temperature gauges
Solid-state battery charger

Accessories and Options:

50-gallon steel tank
50-gallon aluminum tank
80-gallon aluminum tank

Approximate Weight:

1664 lb/755 kg with 68 gallon integral steel tank, less fuel

RG and UG Warranty:

Within two years after the date of shipment from the manufacturer's plant or 27 months from the manufactured date, whichever comes first, Carrier Transicold Division, through designated Container Service Centers, will, at Carrier Transicold's option, repair or replace, with a new or remanufactured part, any parts or components of the products identified above which UNDER NORMAL USE AND SERVICE malfunction as a result of defects in material or workmanship. The warranty terms and limitations are listed in Form 62-10185. Consult your Carrier Transicold representative for complete warranty details.

Ready to put increased performance, efficiency and sustainability to work?

Connect with a Carrier Transicold representative in your region.

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