



Reefer Generator

Solutions For Refrigerated Containers

- Efficiency
- Reliability
- Flexibility
- Easy operation





Performance Specifications

RGC15



Rated power	kw	15	
Rated voltage	v	460	
Rated frequency	hz	60	
Overall Dimension	Length	mm	2344
	Width	mm	782
	Height	mm	1083
Weight	kg	750	
Fuel tank capacity	l/gallon	440/116	

Characteristics

- Better quality high performing generator set, 2000 hours service intervals
- More power, more cost-effective
- Low fuel consumption, reduce financial cost
- Convenient maintenance

Engine



Model	4TNV88	
Manufacturer	Yanmar	
Type	4 cycle, Inline, Water-cooled Diesel	
No of cylinder	4	
Combustion system	Direct Injection	
BorexStroke	mm	88x90
Total displacement	l	2.2
Rate output	kw	19.2
Rated speed	Rmp	1800
Cooling system capacity	l	2.7
Lubrication system capacity	L	6.95

Characteristics

- No service access to rear of engine
- All service points on fuel pump side of engine

Alternator



Model	RF4-15	
Manufacturer	Guericke	
Rate output	kva	20
Type	Permanent Magnet synchronous alternator(PMG)	
Voltage Regulation	-6%~+3%	
Sustained Short Circuit	450%-500% (10s)	
Poles	4 Poles	
Phase	3 Phase	
Frequency	hz	60hz
RPM	rmo	1800rmp
Power Factor	0.8	
Efficiency	92.8%	
Insulation System	CLASS H	
Protection	IP55	
Maximum Overspeed	rev/min	2250
THD	4%	
Motor Start	kva	36

Characteristics

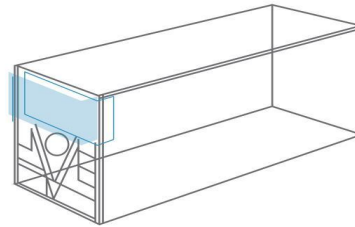
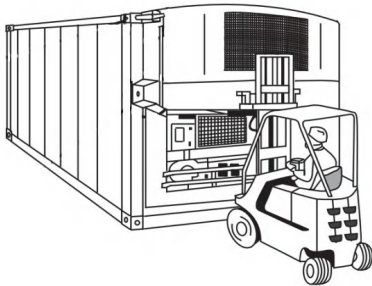
- ※Embedded in permanent magnetic design.
- ※No electronics, increased reliability and robustness. Ease of fit on engine
- ※Very high efficiency, the fuel consumption is improved by between 11% and 14% for the same output
- ※IP55 Protection. Fully sealed against water and dust ingress for harsh environments
- ※Excellent THD, no transients, no voltage spike on load rejection.
- ※Bearing is the only wearing component.

Pictures



Pic only for reference

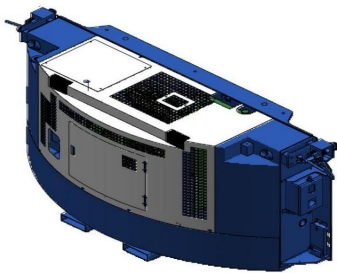
Safe and secure mounting



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

For clamp mounting,our self-aligning ratcheted clamp locks allow safe,secure attachment to corner castings (optional)

Standard Features:



Standard Features:

- 120gallon (455 liter) fuel tank
- Pin-mount system
- High-efficiency air cleaner (standard dry element)
- Full-flow spin-on oil filter with internal bypass
- Integral fuel filter with water separator
- Fuel Heater/Warmer
- Stainless steel hardware
- Low-mounted controls
- Large 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
- 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 ampere meter
- Shipping bumpers
- Power output circuit breaker
- Preheat and Start/Run/Off switches
- Coolant overflow bottle
- Engine hour meter
- Solid-state battery charger
- Operating instruction labels (English and Spanish)
- Maintenance and schematic labels
- 460V receptacle with spring loaded cap

Accessories and Options:

- Auto Restart
- Clamp-mount system or provision for clamp mount

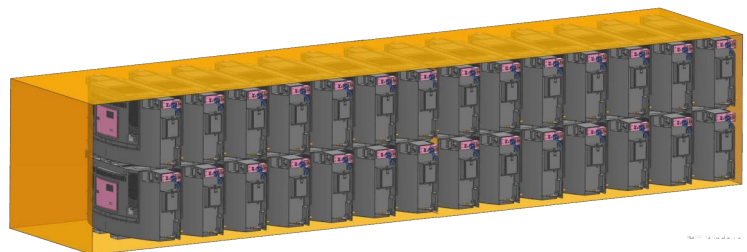
Container load & storing

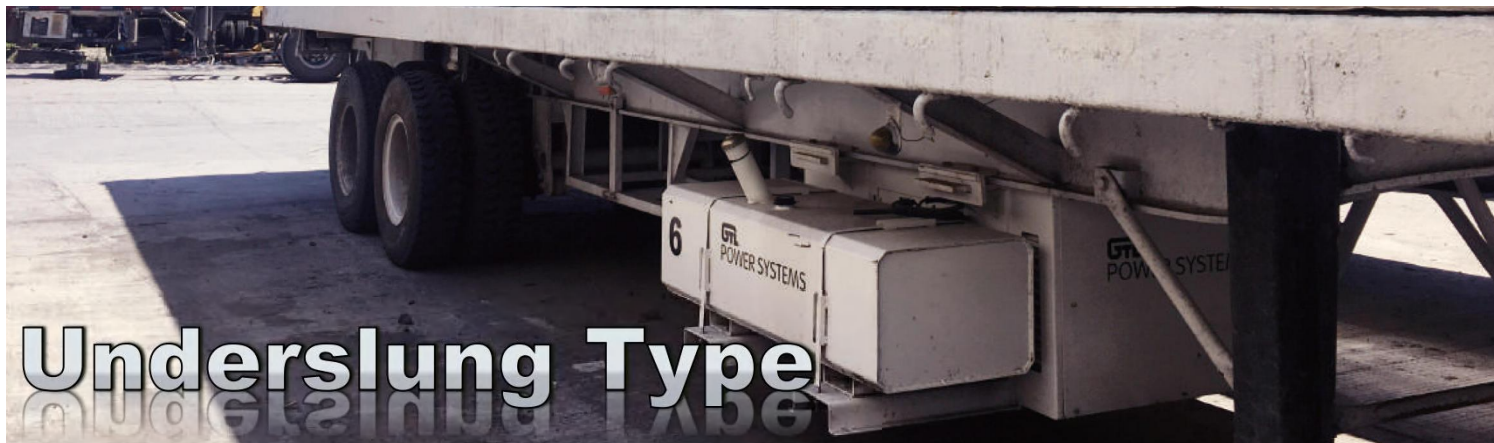
Its design and reduced dimensions make the product easy to move, storing up to 14 units in a 20GP container and 28 units in a 40HQ container.

14units in 20"



28units in 40"





Performance Specifications

RGU15



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Rated voltage	v	460
Rated frequency	hz	60
Overall Dimension	Length	mm
	Width	mm
	Height	mm
Weight	kg	750
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Engine

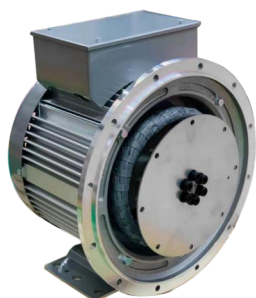


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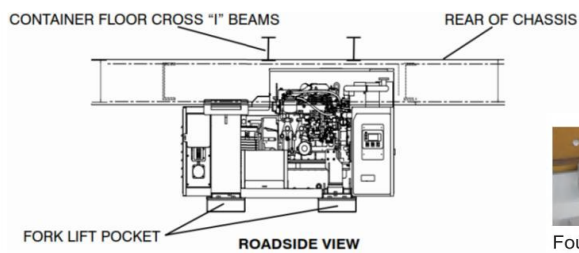
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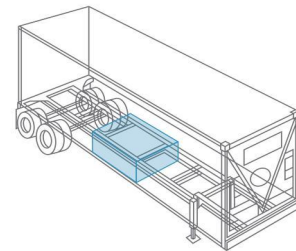


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Safe and secure mounting

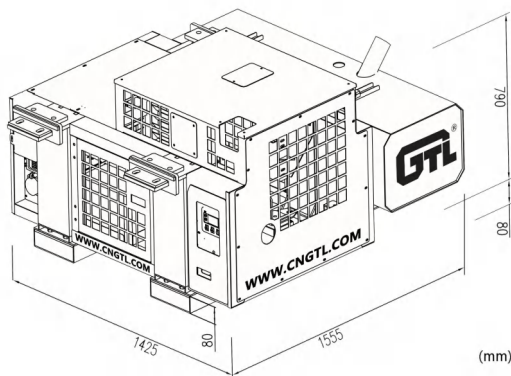


Four-point clamp



The undermounted is designed for applications requiring under mounting of the container chassis between the I-beams to allow for maximum road clearance and even weight distribution. Four-point quick disconnect mounting hardware allows it to be easily mounted and removed.

Standard Features:



Standard Features:

- All-steel fabricated frame construction with four-
- High-efficiency air cleaner(standard dry element,
- Fuel-flow spin-on oil filter with internal bypass
- Integral fuel filter with water separator
- Fuel Heater/warmer
- External in-line fuel strainer with clear bowl
- 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
- Oil pressure and water temperature gauges
- DC ammeter
- Power output circuit breaker
- Preheat and Start/Run/Off switches
- Coolant overflow bottle
- Engine hour meter
- 53-gallon(200 liter)integral fuel tank
- Solid-state battery charger
- Operating instruction labels
- Maintenance and schematic labels
- 460V receptacle with spring loaded cap

Accessories and Options:

- Auto Restart
- Four-point Quick Mount installation system(with single captive bolts)
- 50-gallon(189 liter)integral fuel tank available in aluminum or steel
- 80-gallon(303 liter)integral fuel tank

Container load & storing

Its design and reduced dimensions make the product easy to move, storing up to 16 units in a 40HQ container.

