

10.4255.7410

\$31,792

ShSp



January 10, 2025

Tammy Gallegos
San Juan County
881 E Center Street
Monticello UT 84535
Generac/Sourcewell/Utah State Contract PA4446

Reference: San Juan County UT MMG45, Generac Quote 20944871

We are pleased to offer the following quote for the above project:

Quantity 1 - MMG45IF4-STD3: Trailer Mounted Diesel Genset, 45KVA, 240V single phase, 480V three phase, Isuzu Tier IV engine

Total investment for the above equipment (Not including any applicable tax or freight): \$29,506.00
Freight from factory to Monticello UT: \$ 2,286.00

Notes

Estimated Delivery: 4-6 weeks ARO and account set up, subject to change
Prices valid for 90 days from above date
FOB: Ex-works factory. Unit arrives on flatbed trailer. Forklift/crane needed to offload. Offloading is customer responsibility.

Terms and Conditions

Net 30 days, subject to review and approval by our Credit Dept. Payment obligations are not dependent or contingent upon the manner in which purchaser may receive payment from others. No retainage against this order will be permitted unless agreed to ahead of time.

Sincerely,

Lynn S Jones
Account Manager II - Government Sales
Generac
920-230-1280
lynn.jones@generac.com

MMG45IF4 | 2.2 L | 45 kVA

MOBILE DIESEL GENERATOR SET

EPA Emissions Certification: Tier 4 Final



Standby Power Rating

44 kW, 55 kVA, 60 Hz

Prime Power Rating

38 kW, 47 kVA, 60 Hz



*Assembled in the USA using domestic and foreign parts.



Image used for illustration purposes only

Codes and Standards

Generac Mobile products are designed to the following standards:



CSA



NATM



TIER 4 FINAL EMISSIONS

Power When and Where You Need It

Generac Mobile diesel generators are designed and engineered to power a variety of projects, in the most extreme environments. Gensets are configured to meet customer needs, including choice of containment, cold weather packages, trailer options, and more.

Generac Mobile diesel generators are manufactured to deliver reliable power, when and where you need it.

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GENERAC® MOBILE

STANDARD FEATURES

ENGINE SYSTEM

- Isuzu® 4LE2XAGV01
- 4 Cylinder
- Turbocharged & Aftercooled
- 134 in³ (2.2 L) Displacement
- EPA Tier 4 Final Approved
- Power @ 1,800 rpm – hp (kW):
 - Prime: 57 (42.8)
 - Standby: 63.7 (47.5)
- Approved for use with Hydrotreated Vegetable Oil (HVO) fuels compliant with ASTM D975 or EN 15940
- Paper Element Air Filter
- Electronic Isochronous Governing
- Fixed Speed Fan
- One Spin-on Cartridge Oil Filter
- Oil Drain Extension
- Two Fuel Filters
- One 12 V, 720 CCA, Wet Cell Battery

COOLING SYSTEM

- Capable of Operating at 120 °F (49 °C) Ambient
- 50/50 Coolant (50% Ethylene Glycol)
- Coolant Drain Extension

FUEL SYSTEM

- Polyethylene Fuel Tank
- Fuel Tank Capacity – gal (L):
 - Total: 100 (379)
 - Usable: 90 (341)

- Runtime @ 75% Load: 36 hr
- 110% Containment - engine fluid (oil & coolant) and fuel
- Padlockable Fuel Cap

CONTROL SYSTEM

- Deep Sea Electronics® 7310 MKII Controller
- 3-Position Voltage Selection Switch
- 225 A Main Circuit Breaker (MCB), Manual, with Shunt Trip
- Individual Convenience Receptacle Circuit Breakers
- Emergency Stop Switch
- Battery Disconnect Switch, Padlockable
- 2-Wire Remote Start/Stop Contacts

ALTERNATOR SYSTEM

- 60 Hz Engine-Driven Alternator
- SUPERSTART Alternator
 - Brushless
 - 4 Pole
 - 2/3 Pitch
 - Class H Insulation
 - Corrosion Protection
- Marathon Electric® PM500 AVR
- Shunt Excitation System

POWER DISTRIBUTION

- Connection Lugs
- Convenience Receptacles
 - Two 120 V, 20 A, GFCI Duplex (NEMA 5-20R)

- Three 120/240 V, 50 A, 3 Pole, 4 Wire Twistlock (GS6369)

ENCLOSURE

- Aluminum, Sound Attenuated, Insulated and Baffled
- UV and Fade Resistant, High Temperature Cured, White Polyester Powder Paint
- Central Lifting Point
- Fully Lockable Enclosure
- Multi Lingual Operating and Safety Decals
- Document Holder with Owner's Manual - includes AC and DC wiring diagrams
- Control Panel Lights
- Interior Lights

TRAILER

- Hydraulic Surge Brakes
- 2 in. (50.8 mm) Ball Hitch
- Single 6,000 lb. (2,722 kg) Axle
- 15 in. Tires, 6 Ply, Tubeless
- 2,000 lb. (907 kg) Tongue Jack with Footplate
- Safety Chains with Spring Loaded Safety Hooks
- Transportation Tie Downs
- Plug Adapter, Round 7 Blade (SAE J2863)
- DOT Approved Tail, Side, Brake, and Directional Lights

WARRANTY

- 2 year Limited or 2,000 Hours
 - Unlimited Hours Covered in First Year

CONTROL SYSTEM



010643

CONTROLLER AND DISPLAY

- Controller: Deep Sea Electronics Model 7310 MKII
- 4 Line Back Lit LCD Text Display
- -40 to 158 °F (-40 to 70 °C) Operating Temperature Range
- Multiple Language Options
- Configurable Timers and Alarms
- Configurable Start/Stop Timers
- Configurable Maintenance Alarms
- Heated Display

PUSH BUTTONS FOR EASY OPERATION

- Manual or Auto Start
- Engine Start
- Engine Stop/Reset
- User Friendly Setup and Button Layout
- Five Key Menu Navigation
- Hours Counter
- Multiple Parameters are Monitored and Displayed Simultaneously for Full Visibility
- View Controller Parameters (Configuration, Firmware Version, Connections)

LCD ALARM INDICATION

- Generator Diagnostic Display
 - System kVA Output Display
 - Line Output and Frequency Display
- Alarm Types: Warning, Shutdown, Electrical Trip, Engine
- Alarm List – Warnings/Shutdowns; 250 Event History Log – Date/Time Stamped
 - Fuel Level: Warning – 15%; Shutdown – 5%
 - Overspeed Protection: Shutdown – 110%
 - Engine Diagnostic Warnings Communicated Through J1939 CANbus
 - Battery Voltage: Over – 15 VDC; Under – 11 VDC

- Generator Over Voltage: Warning – 110%; Electrical Trip – 115%
- Generator Under Voltage: Warning – 90%; Shutdown – 85%
- Generator Over Frequency: Warning – 105%; Electrical Trip – 110%
- Generator Under Frequency: Warning – 95%; Electrical Trip – 90%
- Auto Schedule
- Status

ELECTRICAL CONTROLS

- Lockable Control Box Door with Diagnostics Window
- Lockable Lug Box with Safety Switch
 - Trips Main Breaker When Door is Opened
 - Disables Voltage Regulator
- Output Ground Connection Lug Inside Lug Box
- Voltage Adjustment ± 10%

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MOBILE DIESEL GENERATOR SET

EPA Emissions Certification: Tier 4 Final



CONFIGURABLE OPTIONS*

ENGINE SYSTEM

- Positive Air Shutdown (PAS), Electronic
- One 12 V, 720 CCA AGM Optima Battery
- Alternate Load Device (ALD)
- Oil Evacuation System - requires customer-sourced, specialized equipment to use for oil change

COLD WEATHER

- Engine Block Heater
- Two Fuel Filter Heaters
- Crankcase Ventilation (CCV) System Heater
- 10 A Battery Charger
- 60/40 Coolant (60% Ethylene Glycol)

FUEL SYSTEM

- Steel Fuel Tank, Extended Runtime
- Fuel Tank Capacity—gal (L)
 - Total: 160 (606)
 - Usable: 144 (545)
- Runtime @ 75% Load: 57.5 hr

- Auxiliary Fuel Tank Connection
 - 3-Way Fuel Valve

CONTROL SYSTEM

- 4-Position Voltage Selection Switch
- Telemetry
- Lojack Equipment Recovery System

ALTERNATOR SYSTEM

- VFLEX (600 V) Alternator
- Marathon Electric DVR2400 DVR
- Permanent Magnet Generator (PMG) Excitation System

POWER DISTRIBUTION

- Camlocks—one set, female (US or Canada color code)
- Buck Transformer

ENCLOSURE

- Fire Extinguisher

TRAILER

- Skid Mount (Non-Trailer)
- Electric Brakes
- Tandem Axle
- 2 in (50.8 mm) BULLDOG® Hitch
- 2-5/16 in (58.7 mm) BULLDOG Hitch
- 3 in (76.2 mm) Pintle Ring Hitch
- Rear Stabilizer Jacks
- Toolbox: Black Polymer or Aluminum, 49×15×18.5 in (125×38×47 cm)
- Spare Tire

RATING DEFINITIONS

Standby: Applicable to varying emergency load for the duration of a utility power outage.

Prime: Applicable to supplying power to a varying load in lieu of utility for an unlimited amount of running time.

*Consult factory for availability.



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APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

General

Make (Model)	Isuzu (4LE2XAGV01)
EPA Emissions Compliance	Tier 4 Final
After Treatment System	DOC
Cylinders – Qty	4
Type	In-Line
Displacement – in ³ (L)	134 (2.2)
Bore – in (mm)	3.35 (85)
Stroke – in (mm)	3.78 (96)
Compression Ratio	17.6:1
Intake Air Method	Turbocharged & Aftercooled

Engine Governing

Governor	Electronic
Frequency Regulation (Steady State)	± 2%

Lubrication System

Oil Pump Type	Gear Driven
Oil Filter Type	Spin-On Cartridge, Full Flow
Crankcase Capacity – qt (L)	12 (11.4)

Cooling System

Cooling System Type	Radiator and GAC
Water Pump Type	Belt Driven
Fan Type	Pusher
Fan Speed – rpm	2,016
Fan Diameter – in (cm)	19.0 (48.3)
Cooling System Capacity – qt (L)	18 (17)

Fuel System

Fuel Type	Ultra Low Sulfur Diesel
Fuel Specifications	EN 590 / ASTM D975
Fuel Filtering – μ	5
Fuel Inject Pump – Make (Model)	Denso (HP3)
Fuel Pump Type	Engine Gear Driven
Injector Type	Electronic
Engine Type	Direct Injection High Pressure Common Rail
Fuel Supply Line Diameter– in (mm)	0.375 (9.5)
Fuel Return Line Diameter– in (mm)	0.375 (9.5)

Engine Electrical System

System Voltage – VDC	12
Battery Charger Alternator – VDC (A)	12 (50)
Battery Size – CCA	720
Battery Quantity	1
Ground Polarity	Negative (-)

SUPERSTART ALTERNATOR SPECIFICATIONS

Make (Model)	Marathon Electric (285PSL1700)
Poles – Qty	4
Field Type	Rotating
Insulation Class - Rotor	Class H
Insulation Class - Stator	Class H
Total Harmonic Distortion	< 5%
Telephone Interference Factor	< 50

Standard Excitation	Shunt
Bearings	Single Bearing
Coupling	Direct Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	AVR
Number of Sensed Phases	Single
Regulation Accuracy (Steady State)	± 0.5%

VFLEX ALTERNATOR SPECIFICATIONS

Make (Model)	Marathon Electric (284PSL28109)
Poles – Qty	4
Field Type	Rotating
Insulation Class – Rotor	Class H
Insulation Class – Stator	Class H
Total Harmonic Distortion	< 5%
Telephone Interference Factor	< 50

Standard Excitation	Shunt
Bearings	Single Bearing
Coupling	Direct Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	AVR
Quantity of Sensed Phases	Single
Regulation Accuracy (Steady State)	± 0.5%

MMG45IF4 | 2.2 L | 45 kVA

MOBILE DIESEL GENERATOR SET

EPA Emissions Certification: Tier 4 Final



OPERATING DATA

POWER RATINGS

	SUPERSTART Alternator		VFLEX Alternator	
	Standby: kW/kVA (A)	Prime: kW/kVA (A)	Standby: kW/kVA (A)	Prime: kW/kVA (A)
1-Phase, 120/240 VAC @ 1.0pf—zig zag*	33/33 (138)	33/33 (138)	17/17 (71)	17/17 (71)
3-Phase, 208/120 VAC @ 0.8pf—low wye	44/55 (153)	38/47 (130)	38/48 (131)	32/40 (111)
3-Phase, 240/120 VAC @ 0.8pf—delta**	44/55 (132)	38/47 (114)	38/48 (114)	32/40 (96)
3-Phase, 480/277 VAC @ 0.8pf—high wye	44/55 (66)	38/47 (57)	48/59 (72)	37/46 (56)
3-Phase, 600/346 VAC @ 0.8pf—high wye	N/A	N/A	46/60 (52)	40/50 (48)

*Alternator limited.

**Power ratings achieved through use of optional 4-position voltage selection switch.

FUEL CONSUMPTION RATES

Prime Load	Fuel: gph (L/hr)
50%	1.7 (6.4)
75%	2.5 (9.4)
100%	3.3 (12.5)
110% (Standby)	3.8 (14.4)

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions.

Please consult a Generac Mobile Products Authorized Service Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528, ISO8665, SAE J1228, SAE J1995, and DIN6271 standards.

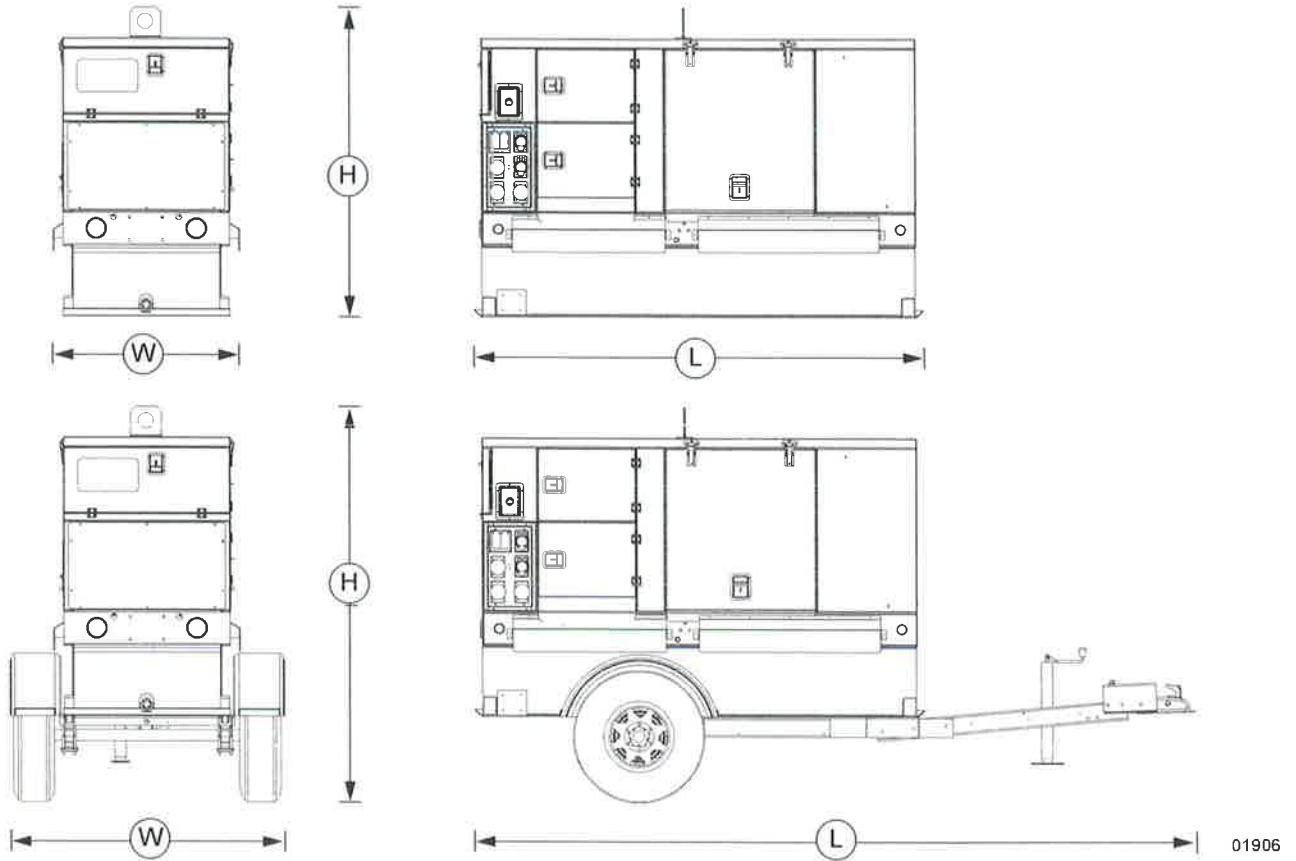
MMG45IF4 | 2.2 L | 45 kVA

MOBILE DIESEL GENERATOR SET

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DIMENSIONS AND WEIGHTS*



	Runtime: hr*	Usable Fuel Capacity: gal (L)	Dimensions – L×W×H: in (m)	Weight: lb (kg)	
Skid	36	90 (341)	95 (2,41)×39 (0,99)×65 (1,65)	Dry:	2,843 (1,290)
				Operating:	3,580 (1,624)
Trailer	36	90 (341)	152 (3,81)×58 (1,45)×83 (2,11)	Dry:	3,363 (1,525)
				Operating [†]	4,100 (1,860)

*Runtime based on 75% prime rated power.

SOUND RATING

- 66 dB(A) @ 23 ft (7 m) @ Prime Power

* All measurements are approximate and for estimation purposes only.

YOUR FACTORY RECOGNIZED GENERAC MOBILE DEALER

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Mobile Authorized Service Dealer for detailed installation drawings.

Home Shop > MQ WhisperWatt Super-Silent Diesel Generator 20kW Single Phase Kubota Engine DCA20SPXU4F



MQ WhisperWatt Super-Silent Diesel Generator 20kW Single Phase Kubota Engine DCA20SPXU4F

The MQ WhisperWatt Super-Silent Diesel Generator 20kW Single Phase Kubota Engine DCA20SPXU4F is a 20 kW Single Phase generator with 1.0 power factor and 12/240 volt output.

SHIPPING CHARGES APPLY

Ships Factory Direct
\$32,110.25

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Category: Commercial/Industrial

ACCESSORIES

No products are listed under this category. All of these are available accessories for this product.

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Description Features Reviews Attachment Downloads Tech Notes

DESCRIPTION

THE DCA20SPXU4F IS A 20 KW SINGLE PHASE GENERATOR WITH 1.0 POWER FACTOR AND 12/240-VOLT OUTPUT.

- Among the many features, it includes a bound attachment, weather proof steel housing with an easy-to-mount design that offers direct access to all filters and distribution boxes. An electronic governor control maintains steady 60 Hz within 0.25% from no load to full load.
- It features an auto start stop that allows the generator to start from a remote location. The unit has an easy-to-install panel that includes an emergency transfer switch, AC circuit breaker and other wiring instrumentation.
- Key features include:
 - Heavy-duty 4-cylinder injection heated crankcase with turbocharged diesel engine of wide maximum
 - Emissions certified - Tier 4 Final emissions
 - Three-phase engine control system maintains frequency at 60 Hz
 - Full load regulation of steady state voltage using AVR
 - Fuel filter separator removes contaminants from fuel for extended engine life (oil separator included)
 - Sound attenuated weather resistant steel housing provides operation at 65 dBA (at 25 ft) to help reduce noise in areas with sound restrictions
 - E-coat and powder coat paint provides durability and weather
 - Integral fuel tank with direct reading of fuel
 - Spill resistant 20" diameter dipstick environment by exceeding up to 124% of engine
 - It offers a remote start feature and maintenance equipment and meets temperature that is suitable for Class M insulation.
- Open Air Low Voltage Design provides virtually unlimited installation for maximum motor starting. Automatic voltage regulator (AVR) for voltage precision.
- Fully enclosed panel. Single phase terminals and single phase receptacles allow for most applications including temporary power bases, tools and lighting equipment. All are to UL standard.
- ECM 24 hrs. emergency transfer of generator.
- Remote 2 wire start stop.
- Open circuit temperature range of -60° to 80°.
- Major engine gauges include: Oil pressure, water temperature, battery voltage, engine speed and fuel level.
- Aviation generator instruments that include: AC ammeter, AC voltmeter, frequency meter, emergency phase selector switch, automatic phase selector switch, and voltage regulator adjustment.
- Automatic safety shutdown system monitors the water temperature, engine oil pressure, temperature and low oil. Warning lights indicate abnormal.
- Emergency Stop Switch (ES) when manually actuated, shuts down generator in the event of an emergency.

YOU MAY ALSO LIKE..

<p>Image of Cummins Quiet Connect Series R520A 20kW NG LP Dual Fuel C20001 120/240V 1PH Home Generator A061C001</p> <p>\$5,068.94</p> <p>Add to cart</p>	<p>Image of Cummins Quiet Connect Series R517A 17kW NG LP Dual Fuel C17004 120/240V 1PH Home Generator A061C006</p> <p>\$4,620.54</p> <p>Add to cart</p>	<p>Image of Cummins Quiet Connect Series R553A 13kW NG LP Dual Fuel C13001 120/240V 1PH Home Generator A061C001</p> <p>\$3,830.15</p> <p>Add to cart</p>	<p>Image of Cummins Quiet Connect Series R521A 13kW NG LP Dual Fuel C13001 120/240V 1PH Home Generator A0621510</p> <p>\$4,173.60</p> <p>Add to cart</p>	<p>Image of Cummins Quiet Connect Series R517A 17kW NG LP Dual Fuel C17004 120/240V 1PH Home Generator A0621511</p> <p>\$4,837.18</p> <p>Add to cart</p>
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RELATED ARTICLES AND TIPS

There are no related articles to this product.



< Commercial Generators / Item# 6004432

Shindaiwa, Mobile, Prime Power 20kW Diesel Generator, Model# 20FSBHSU1

★★★★★ (0) [Write a Review](#) [Ask a Question](#)



\$29,499.99

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Quantity

Qty: 1 ▾

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Shipping:

Factory shipped

[See Shipping Options](#)



Store Pickup:

Not available - online only

- Ultra-Quiet Feature 62 dB(A) at 23ft.
- Continuous output 1 phase 20kW, standby output 3 phase 22kW
- Single Phase Output
- 110%, of all fluid containment: Oil, Coolant, and Diesel
- Digital Controller

[See full description](#)



Product Summary ^

Shindaiwa sound-attenuated, prime power, mobile generators, combine design simplicity with uncompromising standards of engineering and manufacturing excellence.

What's Included

(1) Trailered Generator

Downloads



Product Manual



Safety Data Sheet

Features + Benefits

- Ultra-Quiet Feature 62 dB(A) at 23ft.
- Continuous output 1 phase 20kW, standby output 3 phase 22kW
- Single Phase Output
- 110%, of all fluid containment: Oil, Coolant, and Diesel
- Digital Controller
- Single Point Lifting Eye
- Remote fuel valve for exterior tank
- 24-Hour run time at 100% Load
- Single Axle 3200 GVWR DOT Trailer with hydraulic brakes
- Engine Block Heater Installed
- 12-Volt Battery Charger Installed
- Exterior AC shore power connector
- Automatic Start Capability

Key Specs



Attribute	Specification	Attribute	Specification
item#	6004432	Number of Outlets	2
Brand	Shindaiwa	Battery Required	Yes
Manufacture's Warranty	2 year limited warranty	Battery Included	Yes
Ship Weight	2369.0 LB	Auto Shutdown	Yes
Voltage	120/240	Overload Protection	Yes
Fuel Type	Diesel	Low Oil Shutdown	Yes
Engine Brand	Isuzu	Hour Meter	Yes
Engine Model	4LE2T	Hertz	60
Engine Displacement	133 cc	Engine Cooling	Yes
Noise Level	62 dB	Built-in Inverter	No
Enclosure Material	Galvanized Steel	CARB Compliant	Yes
Start Type	Electric	Horsepower	33
Fuel Capacity	51.5 Gal	Product Weight	2369.0000 lb
Full Load Fuel Consumption	1.6 GPH	Dimensions L x W x H (in.)	116.52 x 60.0 x 65.74 in



How can we improve these key specs?

Warranty



Manufacturer's Warranty

2 year limited warranty





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Your Cart (1 item)

ITEM	PRICE	QUANTITY	TOTAL
 GENERAC Generac MG02514 Mobile Diesel Generator - 20kW, Skid Mount Towable Generator w/ Trailer & Tier 3 Final Exhaust Engine	\$22,835.00	1	\$22,835.00

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