

Cummins **Onan**



Commercial Mobile Generators

Pocket Guide



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Introduction

This Cummins® Onan® Commercial Mobile Pocket Guide offers basic information on our line of Diesel, Gasoline, NG, LP, Hydraulic and PTO generator sets from 2 to 40 kW. More information about all models, including complete specifications, the latest news releases, generator set installation outline drawings, accessories, and much more can be found at www.cumminsonan.com/cm.

Service Support

Cummins Onan generator sets are supported by the largest and best trained worldwide certified Distributor/Dealer network in the industry. That means wherever your journey takes you, you can feel confident a Cummins Onan Distributor/Dealer is nearby. The largest network in the business makes it easier to get genuine parts, quality service, and expert installation assistance when and where you need them. Our extensive training and certification process demonstrates our strong commitment to exceptional product service and support. To find the nearest authorized Cummins Onan generator certified dealer, visit www.cumminsonan.com/locator.

Warranty

The Cummins Onan Limited Warranty for Commercial Mobile Generators covers the generators for a period of two (2) years or 2,000 hours, whichever occurs first, for QG (5.5, 6.5 and 7kW), NG (5.5), SD and QD lines, one (1) year or 1,000 hours, whichever occurs first, for QG (2.5, 2.8, 3.6 and 4kW) lines and five (5) years or 1,000 hours whichever occurs first, for HG and PTO lines from date of delivery to the first retail purchaser. This coverage applies to the original owner and all subsequent owners for the duration of the coverage at no additional charge or deductibles for the customer. Parts, labor including diagnostic labor, limited travel (emergency vehicles only), and removal and reinstallation are covered.

The warranty is administered by the Cummins Onan Distributor/Dealer network that, in most cases, is the same network that administers the Cummins Engines warranty, providing a one stop shop for your power needs and service.

Our philosophy is to take care of our customers at the first point of contact and not to defer them to other suppliers' warranty or service centers. Our extensive worldwide network is highly trained with certification requirements. In addition to product training, Cummins emphasizes the need to take care of the customer through programs such as QuickServe and Mobile QuickServe (providing emergency service 24 hours a day, seven days a week in the U.S. and Canada) and PowerCare (a planned maintenance program), providing owner peace of mind.

Maintenance & Parts

Green Label replacement and maintenance products provide dependable power and performance for the life of your generator. For genuine Green Label air filters, spark plugs, oil filters, tune-up kits and more, see your Cummins Onan authorized service and parts dealer. To locate the dealer nearest you, visit www.cumminsonan.com.

Accessories and Options

Cummins Onan offers a variety of commonly used accessories and options. Following is a partial list of categories of accessories and options available. For accessories catalogs or model specification sheets, visit www.cumminsonan.com.

Accessories available include sound shields, digital displays, harnesses, AC transfer switches, fuel system kit, batteries, mufflers, exhaust components, tail pipes, fan conversion, fuel water separator, ducting kit and pipe adapters.

Options that are available when you order the generator (factory-installed) include 120, 115/230 or 120/240 V AC, 1 or 3 phases, pusher or suction fan and others. Not all accessories or options are available for every model; visit www.cumminsonan.com for complete specification information.

Diagnostics

The diagnostic features were designed with the customer in mind. Most generators will trip a breaker when something has gone wrong; however, you're never really sure what happened. With the information the diagnostic indicator provides, knowing what happened may make the difference between enjoying your weekend outing or waiting for a service call. If a service call is required, the knowledge you have to give the service technician will expedite the repair and get you on your way as quickly as possible.

Cummins Onan generators have a number of self-protective shutdowns including high engine coolant temperature, high exhaust temperature, low oil pressure, over speed, over voltage, and many others.



Starting Procedure

The Energy Command 30 (EC-30) is an Automatic Generator Starting (AGS) System that provides both automatic and manual control on Onan Diesel, Gasoline, NG and Liquid Propane (LP) engine driven AC generators (referred to in this manual as a genset). EC-30 also provides critical system information such as the battery state-of-charge, key operational information such as quiet time, genset service and fault messages. EC-30 automatically starts the genset when the battery becomes discharged or when there is a run request from an external device such as Heating Ventilating and Air Conditioning (HVAC) system. When the battery is charged, or the HVAC system no longer requires power, the genset is automatically turned off.

Using the START/STOP switch

Works exactly like the genset switch.

If the genset switch has a run light and flashes diagnostics, the EC-30 run light will also be on when the genset is running, flash during preheat, and flash genset fault messages.

Using the up/down switch

The key is used to scroll through display choices and change values that be set.

Using ENTER

This key is used to store values that have been changed, and to respond to display commands.

Using SET

This Key is used to display and change settable values, such as: Local Time, Quiet Time Start and End (QT Start and QT End).

Using AUTO GEN

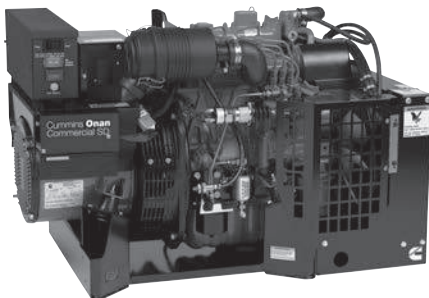
This key selects genset operating mode:

- **MANUAL** Operator start/stop. No automatic.
- **AUTO ON** Automatic start/stop available.
- **QUIET ON** Automatic start/stop not available during quiet time

SD 6.0/7.5

Standard Diesel

6 kW 50 Hz/7.5 kW 60 Hz



Model SD 6.0

kW	Hz	dB(A)	Ph	Voltage	Amps
6	50	75	1	115/230	52.1/26.1
			3	Reconnectable	

Model SD 7.5

kW	Hz	dB(A)	Ph	Voltage	Amps
7.5	60	76	1	120/240	62.5/31.3
			1	100/200	75/38
			3	Reconnectable	

For more information visit
www.power.cumminsonan.com.
Specifications subject to change without notice.

Dimensions, in (mm)

1 Phase: Length 37 (942) x Width 21 (533) x Height 24 (610)

3 Phases: Length 38 (972) x Width 21 (533) x Height 24 (610)

Weight, lb (kg)

491 (223)

Fuel Consumption

No. 2 diesel fuel, Gal/hr (L/hr)

	6 kW/50 Hz	7.5kW/60Hz
No load	0.23 (0.87)	0.25 (0.95)
1/2 load	0.46 (1.74)	0.56 (1.93)
Full load	0.8 (3.03)	0.9 (3.41)

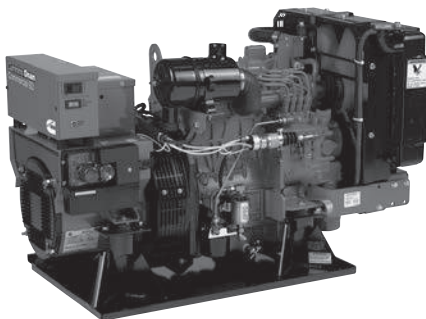
Features

- Smooth operation—focalized mounting system with 4-point vibration isolation
- Glow plugs for reliable all-weather starting
- Multiple oil fill/check points
- Cross-flow radiator for increased cooling efficiency
- Water resistant controls
- Low harmonic distortion for SCR loads
- 30A battery charging DC alternator
- Brush type alternator
- Tested at extremes of temperature -20° F (-29° C) to 120° F (49° C) for starting and operation
- Two (2) years or 2,000 warranty coverage
- U.S. EPA Tier IV

SD 8.0/10.0

Standard Diesel

8 kW 50 Hz/10 kW 60 Hz



Model SD 8.0

kW	Hz	dB(A)	Ph	Voltage	Amps
8	50	76	1	115/230	70/35
			3	Reconnectable	

Model SD 10.0

kW	Hz	dB(A)	Ph	Voltage	Amps
10	60	78	1	120/240	83/42
			1	100/200	100/50
			3	120/240	30

Dimensions, in (mm)

1 Phase: Length 39 (1003) x Width (21) 533
x Height (26) 662

3 Phases: Length 40 (1028) x Width (21) 533
x Height (26) 662

Weight, lb (kg)

519 (236)

Fuel Consumption

No. 2 diesel fuel, Gal/hr (L/hr)

	8.0 kW/50 Hz	10 kW/60 Hz
No load	0.26 (0.98)	0.29 (1.10)
1/2 load	0.45 (1.71)	0.55 (2.08)
Full load	0.94 (3.52)	1.04 (3.90)

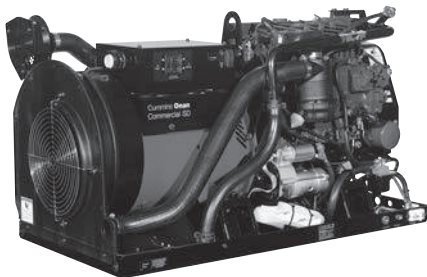
Features

- Smooth operation—focalized mounting system with 4-point vibration isolation
- Glow plugs for reliable all-weather starting
- Multiple oil fill/check points
- Cross-flow radiator for increased cooling efficiency
- Water resistant controls
- Low harmonic distortion for SCR loads
- 30A battery charging DC alternator
- Brush type alternator
- Tested at extremes of temperature -20° F (-29° C) to 120° F (49° C) for starting and operation
- Two (2) years or 2,000 warranty coverage
- U.S. EPA Tier IV

SD 20.0

Standard Diesel

20 kW 60 Hz



Model SD 20.0

kW	Hz	dB(A)	Ph	Voltage	Amps
20	60	82	1	120/240	167/83

Dimensions, in (mm)

Length 49 1241 x Width 24 (600) x
Height 28 (708)

Weight, lb (kg)

890 (404)

Fuel Consumption

No. 2 diesel fuel, Gal/hr (L/hr)

20 kW/60 Hz

No load 0.54 (2.04)

1/2 load 1.12 (4.24)

Full load 1.95 (7.39)

Features

- Brushless alternator
- Semi-focalized mounting system with 4-point vibration isolation
- Multiple exhaust options
- 30A battery charging DC alternator
- Automatically timed glow plugs for easy starting
- Electric fuel pump (prime mode available)
- Side air inlet, bottom air outlet
- Bulkhead type connections for fuel and battery
- Service and maintenance points easily accessible (single-side)
- Instant one-touch stop
- Over voltage, low oil pressure, over temperature, over speed and over load safeties
- Tested at extremes of temperature -20° F (-29° C) to 120° F (49° C) for starting and operation
- Two (2) years or 2,000 warranty coverage
- U.S. EPA Tier IV

QD 5000

Quiet Diesel

4.8 kW 50 Hz/5 kW 60 Hz



Model QD 5000

kW	Hz	dB(A)	Ph	Voltage	Amps
4.8	50	68	1	230	21
5	60		1	120/240	41.7/20.8
5	60		3	120/240	12

Dimensions, in (mm)

Length 34 (876) x Width 23 (581) x
Height 20 (515)

Weight, lb (kg)

400 (181)

Fuel Consumption

No. 2 diesel fuel, Gal/hr (L/hr)

	4.8 kW/50 Hz	5 kW/60 Hz
No load	0.20 (0.74)	0.25 (0.95)
1/2 load	0.32 (1.23)	0.39 (1.47)
Full load	0.54 (2.04)	0.60 (2.27)

Features

- Lower noise, vibration, harshness (NVH)
- Automatic glow plug eliminates preheat time uncertainty
- Self-diagnostic capability simplifies troubleshooting
- Convenient, top-mounted switches and coolant level check/fills
- Complete, integrated package for easy, low-cost installation
- Service and maintenance points accessible through side service door
- 4A battery charging DC alternator
- Brush type alternator
- Over voltage, low oil pressure, over temp, over speed and overload safeties
- Tested at extremes of temperature -20° F (-29° C) to 120° F (49° C) for starting and operation
- Two (2) years or 2,000 warranty coverage
- U.S. EPA Tier IV

QD 6000/6500

Quiet Diesel

6 kW 60 Hz/6.25 kW 60 Hz



Model QD 6000/6500

kW	Hz	dB(A)	Ph	Voltage	Amps
6	60	69	1	120	50
6.25	60	71	1	100	63

Dimensions, in (mm)

Length 36 (923) x Width 24 (615) x
Height 22 (566)

Weight, lb (kg)

420 (191)

Fuel Consumption

No. 2 diesel fuel, Gal/hr (L/hr)

	6 kW/60 Hz	6.25 kW/60 Hz
No load	0.21 (0.79)	0.21 (0.79)
1/2 load	0.40 (1.50)	0.56 (2.12)
Full load	0.70 (2.65)	0.96 (3.63)

Features

- Dramatically lower noise, vibration, harshness
- Load-matching, variable speed operation
- Enclosed muffler for added quietness, easy installation
- Self-diagnostic capability simplifies troubleshooting
- Pure sine wave output for high quality power
- Convenient, top-mounted switches and coolant level check/fills
- Complete, integrated package for easy, low-cost installation
- Service and maintenance points accessible through side service door
- 10A battery charging DC alternator
- Permanent magnet alternator
- Over voltage, low oil pressure, over temp, over speed and overload safeties
- Tested at extremes of temperature -20 °F (-29 °C) to 120° F (49° C) for starting and operation
- Two (2) years or 2,000 warranty coverage
- U.S. EPA Tier IV

QD 7500/8000

Quiet Diesel

7.5 kW/60 Hz/8kW 60 Hz



Model QD 7500/8000

kW	Hz	dB(A)	Ph	Voltage	Amps
7.5	60	71	1	120	62.5
8	60	72	1	120	66.6

Dimensions, in (mm)

Length 36 (923) x Width 24 (615) x
Height 22 (566)

Weight, lb (kg)

420 (191)

Fuel Consumption

No. 2 diesel fuel, Gal/hr (L/hr)

	7.5 kW/ 60 Hz	8 kW 60Hz
No load	0.21 (0.79)	0.21 (0.79)
1/2 load	0.56 (2.12)	0.61 (2.31)
Full load	0.96 (3.63)	1.02 (3.86)

Features

- Dramatically lower noise, vibration, harshness
- Load-matching, variable speed operation
- Enclosed muffler for added quietness, easy installation
- Self-diagnostic capability simplifies troubleshooting
- Pure sine wave output for high quality power
- Convenient, top-mounted switches and coolant level check/fills
- Complete, integrated package for easy, low-cost installation
- Service and maintenance points accessible through side service door
- 10A battery charging DC alternator
- Permanent magnet alternator
- Over voltage, low oil pressure, over temp, over speed and overload safeties
- Tested at extremes of temperature -20 °F (-29 °C) to 120° F (49° C) for starting and operation
- Two (2) years or 2,000 warranty coverage
- U.S. EPA Tier IV

QD 8000/10000/12000

Quiet Diesel

8 kW 50 Hz/10 kW 60 Hz/12 kW 60 Hz



Model QD 8000/10000/12000

kW	Hz	dB(A)	Ph	Voltage	Amps
8	50	67	1	230	35
10	60	68	1	120/240	83.3/41.7
12	60	68	1	120/240	100/50

For more information visit
www.power.cumminsonan.com.
Specifications subject to change without notice.

Dimensions, in (mm)

Length 41 (1053) x Width 25 (621) x
Height 27 (686)

Weight, lb (kg)

816 (370)

Fuel Consumption

No. 2 diesel fuel, Gal/hr (L/hr)

	8 kW 50 Hz	10 kW 60 Hz	12 kW 60 Hz
No load	0.11 (0.4)	0.11 (0.4)	0.11 (0.4)
1/2 load	0.43 (1.63)	0.43 (1.63)	0.48 (1.82)
Full load	1.01 (3.8)	1.01 (3.8)	1.20 (4.54)

Features

- Computer-controlled constant speed operation
- Unique sound-controlled housing encloses cooling system and muffler
- Three-point, fully focalized internal mounting system reduces vibration
- Service and maintenance points accessible through side service door
- Convenient, top-mounted switches and coolant level check/fills
- Automatic glow plug eliminates preheat time uncertainty
- 15A battery charging DC alternator
- Brush type alternator
- Tested at extremes of temperature -20° F (-29° C) to 120° F (49° C) for starting and operation
- Two (2) years or 2,000 warranty coverage
- U.S. EPA Tier IV

QG 2300/2500

Quiet LP

2.3 Kw 50 Hz/2.5 Kw 60 Hz



Model QG 2300/2500

kW	Hz	dB(A)	Ph	Voltage	Amps
2.3	50	70	1	230	10
2.5	60	70	1	120	20.8

Dimensions, in (mm)

Length 22.0 (560) x Width 16.3 (415) x
Height 12.8 (325)

Weight, lb (kg)

125 (57)

Fuel Consumption

LP, Gal/hr (L/hr)

	2.3 kW/50 Hz		2.5 kW/60Hz	
No load	0.2 (1.0)	0.6	0.3 (1.2)	0.6
1/2 load	0.3 (1.3)	0.6	0.4 (1.6)	0.7
Full load	0.4 (1.8)	0.8	0.6 (2.3)	1.0

Features

- Microprocessor control with diagnostics and lightweight compact design
- Quietest generator sets of their size
- Easy maintenance with single-side service
- Completely enclosed with muffler, quick and easy to install
- Low Fuel consumption
- Cross flow cooling
- Tested at extreme temperature -200F (-29 0C) to 120 0F (49 0C) for starting and operation
- CE certified

QG 3300/3600

Quiet LP

3.3 kW 50 Hz/3.6 kW 60 Hz



Model QG 3300/3600

kW	Hz	dB(A)	Ph	Voltage	Amps
3.3	50	65	1	115/230	28.7/14.3
3.6	60	70	1	120	30

Dimensions, in (mm)

Length 31 (775) x Width 21 (523) x
Height 16 (417)

Weight, lb (kg)

174 (83)

Fuel Consumption

LP, Gal/hr (L/hr)

	3.3 kW/50 Hz	3.6 kW/60 Hz
No load	0.26 (0.98)	0.36 (1.36)
1/2 load	0.52 (1.97)	0.57 (2.16)
Full load	0.68 (2.57)	0.73 (2.76)

Features

- Ideal for light duty applications with critical size and low noise requirements
- Lightweight
- Quietest generator sets of their size
- Easy maintenance with single-side service
- Completely enclosed, quick, easy to install
- Low fuel consumption
- Single side service
- Focalized mounting system with vibration isolators
- Cross-flow cooling
- Tested at extremes of temperature -20° F (-29° C) to 120° F (49° C) for starting and operation
- One (1) year or 1,000 warranty coverage
- Meets all applicable U.S. EPA and California emissions standards

QG 5500/6500

Quiet LP

5.5 kW 60 Hz/6.5 kW 60 Hz



Model QG 5500/6500

kW	Hz	dB(A)	Ph	Voltage	Amps
5.5	60	66	1	120	45.8
6.5	60	70	1	120	54.2

Dimensions, in (mm)

Length 34 (853) x Width 22 (563) x
Height 17 (425)

Weight, lb (kg)

290 (132)

Fuel Consumption

LP, Gal/hr (L/hr)

	5.5 kW/60 Hz	6.5kW/60Hz
No load	0.40 (1.8)	0.52 (1.95)
1/2 load	0.80 (3.3)	0.90 (3.4)
Full load	1.1 (4.6)	1.5 (5.9)

Features

- Integrated hydraulic pump option (pictured)
- Quietest & lowest vibration generator in its class
- Integrated housing design
- Enclosed muffler for ease of installation
- Self-diagnostic capability to simplify troubleshooting
- Digital regulation for voltage stability as loads change
- 4-point mounting system with coil spring vibration isolators
- 5A battery charging DC alternator
- Low oil pressure, over/under speed protection
- Two (2) years or 2,000 warranty coverage
- Tested at extremes of temperature -20° F (-29° C) to 120° F (49° C) for starting and operation
- Meets all applicable U.S. EPA and California emissions standards

QG 2300/2800

Quiet Gasoline

2.3 kW 50 Hz/ 2.8 kW 60 Hz



Model QG 2300/2800

kW	Hz	dB(A)	Ph	Voltage	Amps
2.3	50	70	1	230	10
2.8	60	70	1	100, 120	23.3, 28

Dimensions, in (mm)

Length 22.0 (560) x Width 16.3 (415) x
Height 12.8 (325)

Weight, lb (kg)

125 (57)

Fuel Consumption

Gasoline, Gal/hr (L/hr)

	2.3 kW/50 Hz	2.8kW/60Hz
No load	0.2 (0.6)	0.2 (0.6)
1/2 load	0.3 (1.1)	0.4 (1.3)
Full load	0.4 (1.4)	0.5 (1.7)

Features

- Microprocessor control with diagnostics and lightweight compact design
- Quietest generator sets of their size
- Easy maintenance with single-side service
- Completely enclosed with muffler, quick and easy to install
- Low Fuel consumption
- Cross flow cooling
- Tested at extreme temperature -200F (-29 0C) to 120 0F (49 0C) for starting and operation
- CE certified

QG 3600/4000

Quiet Gasoline

3.6 kW 50 Hz/4 kW 60 Hz



Model QG 3600/4000

kW	Hz	dB(A)	Ph	Voltage	Amps
3.6	50	65	1	115/230	31.3/15.7
4	60	70	1	120	33.3
4				100	40

Dimensions, in (mm)

Length 31 (775) x Width 21 (523) x
Height 16 (417)

Weight, lb (kg)

174 (83)

Fuel Consumption

Gasoline, Gal/hr (L/hr)

	3.6 kW/50Hz	4 kW/60Hz
No load	0.20 (0.80)	0.29 (1.10)
1/2 load	0.37 (1.40)	0.48 (1.80)
Full load	0.58 (2.20)	0.71 (2.70)

Features

- Ideal for light duty applications with critical size and low noise requirements
- Lightweight
- Quietest generator sets of their size
- Easy maintenance with single-side service
- Completely enclosed, quick, easy to install
- Low fuel consumption
- Single side service
- Focalized mounting system with vibration isolators
- Cross-flow cooling
- Tested at extremes of temperature -20° F (-29° C) to 120° F (49° C) for starting and operation
- One (1) year or 1,000 warranty coverage
- Meets all applicable U.S. EPA and California emissions standards

QG 5500/7000

Quiet Gasoline

5.5 kW 60 Hz/7 kW 60 Hz



Model QG 5500/7000

kW	Hz	dB(A)	Ph	Voltage	Amps
5.5	60	66	1	120/240	45.8/22.9
			3	120/240	13.2
7	60	70	1	120/240	58.3/16.8
			3	120/240	16.8

Dimensions, in (mm)

Length 34 (853) x Width 21 (563) x
Height 17 (425)

Weight, lb (kg)

290 (132)

Fuel Consumption

	5.5 kW/60Hz	7 kW/60Hz
No load	0.35 (1.3)	0.42 (1.6)
1/2 load	0.60 (2.3)	0.73 (2.8)
Full load	0.95 (3.6)	1.22 (4.6)

Features

- Integrated hydraulic pump option (pictured)
- Quietest and lowest vibration generator set in its class
- Integrated housing design
- Enclosed muffler for ease of installation
- Self-diagnostic capability to simplify troubleshooting
- Digital regulation for voltage stability as loads change
- 4-point mounting system with coil spring vibration isolators
- 5A battery charging DC alternator
- Low oil pressure, over/under speed protection
- Two (2) years or 2,000 warranty coverage
- Tested at extremes of temperature -20° F (-29° C) to 120° F (49° C) for starting and operation
- Meets all applicable U.S. EPA and California emissions standards

NG 5500

Natural Gas

5.5 kW 60 Hz



Model NG 5500

kW	Hz	dB(A)	Ph	Voltage	Amps
5.5	60	69	1	120/240	45.8/22.9

Dimensions, in (mm)

Length 33.6 (853) x Width 22.2 (563) x
Height 16.7 (425)

Weight, lb (kg)

290 (132)

Fuel Consumption

5.5 kW 60 Hz

No load	0.45 (1.36)
1/2 load	0.61 (2.2)
Full load	0.9 (3.2)

Features

- Natural gas generator specifically designed for use in mobile applications in vehicles powered by CNG
- Eliminates the need for a gasoline generator and auxiliary tank
- Integrated hydraulic pump option
- PTO engine available for hydraulic pump, HGJAK-2000 only
- Integrated housing design
- Enclosed muffler for ease of installation
- Self-diagnostic capability to simplify troubleshooting
- Runs two ACs with power to spare
- Digital regulation for voltage stability as loads change

HG 6000/8000/10000

Hydraulic

6 kW 60 Hz/8 kW 50 Hz/8 kW 60Hz/10 kW 60 Hz



Model HG 6000/8000/10000

kW	Hz	dB(A)	Ph	Voltage	Amps
6	60	—	1	120/240	50/25
8	50	—	1	115/230	69.6/34.8
	60	—	1	120/240	67/33
10	60	—	1	120/240	83/42



Digital display included

Dimensions, in (mm)

Length 31 (787) x Width 16 (4050) x
Height 14 (350)

Weight, lb (kg)

247 (112)

Features

- Cummins Onan custom engineered hydraulic generator set system
- High motor starting capability
- Meets NFPA 120o F (49o C) ambient* standard
- Single side serviceability
- Powder coated steel housing
- Multiple air inlets (5)
- Four-point vibration isolated mounting system
- Digitally controlled pump flow for minimal voltage and frequency variation
- Hydraulic circuit has over speed and under speed protection
- Five (5) year, 1000 hour limited warranty
- Hall Effect sensor for frequency control (patent pending)
- Higher sample rate of sensor improves frequency stability at all loads
- Sensor not as susceptible to conducted emittance created by non-linear loads (variable fans or extraction tool pumps)
- Maintains better frequency control with rapid engine speed changes
- Dual valve flow control

* Cummins Onan tested for operation with cooling air inlet temperature up to 120° F (49° C). Ambient is defined as the air temperature measured at the cooling air inlet to the set.

HG 15000

Hydraulic

15 kW 60 Hz



Model HG 15000

kW	Hz	dB(A)	Ph	Voltage	Amps
15	60	—	1	120/240	125/63



Digital display included

Dimensions, in (mm)

Length 39 (995) x Width 16 (405) x
Height 14 (350)

Weight, lb (kg)

293 (133)

Features

- Cummins Onan custom engineered hydraulic generator set system
- Cummins Onan custom engineered hydraulic generator set system
- High motor starting capability
- Meets NFPA 120° F (49° C) ambient* standard
- Single side serviceability
- Powder coated steel housing/multiple air inlets (5)
- Four-point vibration isolated mounting system
- Best-in-class variable frequency drive equipment compatibility
- Innovative pulse pick-up sensor and dual-valve fluid control system enable consistent voltage output
- Digitally controlled pump flow for minimal voltage and frequency variation
- Hydraulic circuit has over speed and under speed protection
- Five year, 1000 hour limited warranty

* Cummins Onan tested for operation with cooling air inlet temperature up to 120° F (49° C). Ambient is defined as the air temperature measured at the cooling air inlet to the set.

HG 20000/25000

Hydraulic
20 kW 60 Hz/25 kW 60 Hz



Model HG 20000/25000

kW	Hz	dB(A)	Ph	Voltage	Amps
20	60		1	120/240	1166/83
25	60		1	120/240	208/104



Digital display included

Dimensions, in (mm)

Length 45 (1133) x Width 19 (490) x
Height 17 (439)

Weight, lb (kg)

680 (309)

Features

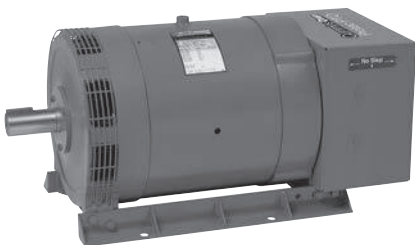
- Cummins Onan custom engineered hydraulic generator set system
- Cummins Onan custom engineered hydraulic generator set system
- High motor starting capability
- Meets NFPA 120° F (49° C) ambient* standard
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- Digitally controlled pump flow for minimal voltage and frequency variation
- Hydraulic circuit has over speed and under speed protection
- Five year, 1000 hour limited warranty

* Cummins Onan tested for operation with cooling air inlet temperature up to 120° F (49° C). Ambient is defined as the air temperature measured at the cooling air inlet to the set.

15 YD

PTO

12 kW 50 Hz/15 kW 60 Hz



Model 15 YD

kW	Hz	dB(A)	Ph	Voltage	Amps
12	50	—	1	115/230	—
			3	Reconnectable	
15	60	—	1	120/240	
			3	Reconnectable	

Dimensions, in (mm)

Length 26 (6620 x Width 14 (350) x
Height 15 (381)

Weight, lb (kg)

301 (137)

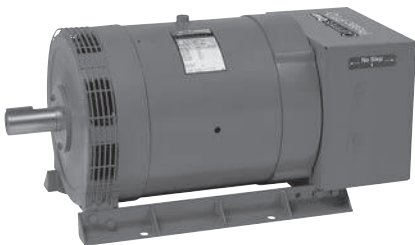
Features

- Heavy-duty, field-proven design for long life
- Capped voltage regulation
- Environmental protection for adverse conditions
- Low harmonic distortion
- Dual mounting configurations
- Remote mountable solid state electronic voltage regulator
- 50/60 Hz switchable
- Precision balanced rotating field generator set
Epoxy impregnated windings with overcoat
- Brushless exciter
- Double-sealed, pre-lubricated bearings
- Air-cooled with shaft-mounted centrifugal fan
- Bi-directional rotation
- Skewed stator for low harmonic distortion
- Class H insulation, 180° C temp rating
- Reconnectable three phase and single phase

20 YD

PTO

16 kW 50 Hz/20 kW 60 Hz



Model 20 YD

kW	Hz	dB(A)	Ph	Voltage	Amps
16	50	—	1	115/230	—
			3	Reconnectable	—
20	60	—	1	120/240	—
			3	Reconnectable	—

Dimensions, in (mm)

Length 27 (686) x Width 14 (350) x
Height 15 (381)

Weight, lb (kg)

352 (160)

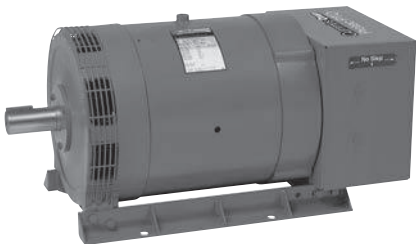
Features

- Heavy-duty, field-proven design for long life
- Capped voltage regulation
- Environmental protection for adverse conditions
- Low harmonic distortion
- Dual mounting configurations
- Remote mountable solid state electronic voltage regulator
- 50/60 Hz switchable
- Precision balanced rotating field generator set
Epoxy impregnated windings with overcoat
- Brushless exciter
- Double-sealed, pre-lubricated bearings
- Air-cooled with shaft-mounted centrifugal fan
- Bi-directional rotation
- Skewed stator for low harmonic distortion
- Class H insulation, 180° C temp rating
- Reconnectable three phase and single phase

25 YD

PTO

20 kW 50 Hz/25 kW 60 Hz



Model 25 YD

kW	Hz	dB(A)	Ph	Voltage	Amps
20	50	—	1	115/230	—
			3	Reconnectable	—
25	60	—	1	120/240	—
			3	Reconnectable	—

Dimensions, in (mm)

Length 28 (711) x Width 14 (350) x
Height 15 (381)

Weight, lb (kg)

389 (177)

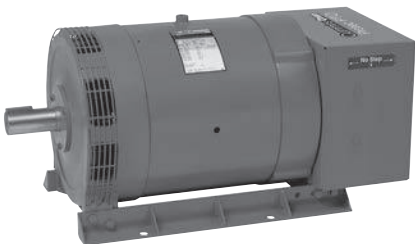
Features

- Heavy-duty, field-proven design for long life
- Capped voltage regulation
- Environmental protection for adverse conditions
- Low harmonic distortion
- Dual mounting configurations
- Remote mountable solid state electronic voltage regulator
- 50/60 Hz switchable
- Precision balanced rotating field generator set
Epoxy impregnated windings with overcoat
- Brushless exciter
- Double-sealed, pre-lubricated bearings
- Air-cooled with shaft-mounted centrifugal fan
- Bi-directional rotation
- Skewed stator for low harmonic distortion
- Class H insulation, 180° C temp rating
- Reconnectable three phase and single phase

30/32 YD

PTO

25 kW 50 Hz/30 kW 60 Hz/32 kW 60 Hz



Model 30/32 YD

kW	Hz	dB(A)	Ph	Voltage	Amps
25	50	—	1	115/230	—
			3	Reconnectable	—
30	60	—	1	120/240	—
32			3	Reconnectable	—

Dimensions, in (mm)

Length 30 (762) x Width 14 (350) x
Height 15 (381)

Weight, lb (kg)

449 (204)

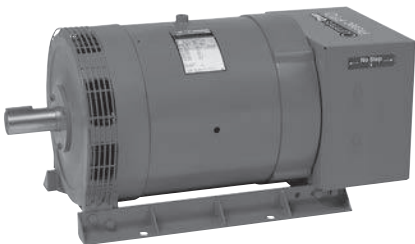
Features

- Heavy-duty, field-proven design for long life
- Capped voltage regulation
- Environmental protection for adverse conditions
- Low harmonic distortion
- Dual mounting configurations
- Remote mountable solid state electronic voltage regulator
- 50/60 Hz switchable
- Precision balanced rotating field generator set
Epoxy impregnated windings with overcoat
- Brushless exciter
- Double-sealed, pre-lubricated bearings
- Air-cooled with shaft-mounted centrifugal fan
- Bi-directional rotation
- Skewed stator for low harmonic distortion
- Class H insulation, 180° C temp rating
- Reconnectable three phase and single phase

35/40 YD

PTO

30 kW 50 Hz/35 kW 60 Hz/40 kW 60 Hz



Model 35/40 YD

kW	Hz	dB(A)	Ph	Voltage	Amps
30	50	—	1	115/230	—
30			3	Reconnectable	—
35	60	—	1	120/240	—
40			3	Reconnectable	—

Dimensions, in (mm)

Length 32 (813) x Width 14 (350) x
Height 15 (381)

Weight, lb (kg)

230 (506)

Features

- Heavy-duty, field-proven design for long life
- Capped voltage regulation
- Environmental protection for adverse conditions
- Low harmonic distortion
- Dual mounting configurations
- Remote mountable solid state electronic voltage regulator
- 50/60 Hz switchable
- Precision balanced rotating field generator set
Epoxy impregnated windings with overcoat
- Brushless exciter
- Double-sealed, pre-lubricated bearings
- Air-cooled with shaft-mounted centrifugal fan
- Bi-directional rotation
- Skewed stator for low harmonic distortion
- Class H insulation, 180° C temp rating
- Reconnectable three phase and single phase

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