

Features

Briggs & Stratton Vanguard Engine

Premium-grade Vanguard engines are application-engineered to power equipment that works for a living.

Sure Flow Cooling System

The three cooling intakes provide exceptional air flow and reduced heatsoak.

DSE 3110 Digital Controller

Provides detailed operating and diagnostic information through its digital display.

Premium Square D Circuit Breakers

Providing clear and instant identification of a tripped circuit with a Visi-Trip indicator.

100% Load Tested

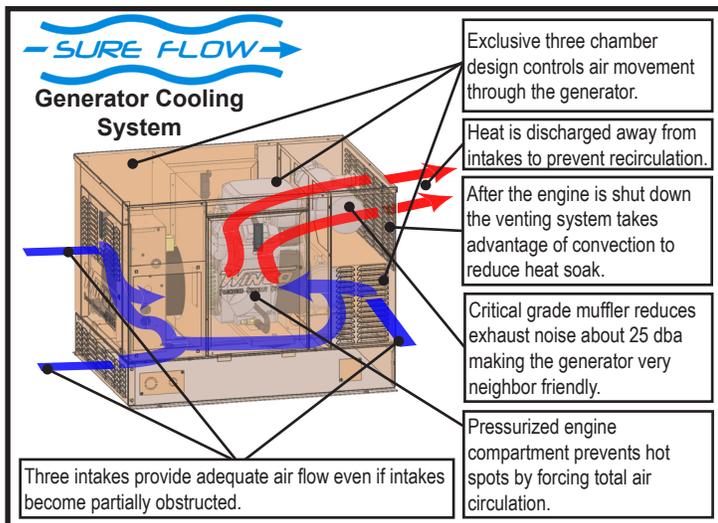
No statistical sampling here. We load test every generator before it leaves our facility.

Galvanealed Steel Weather Enclosure

Industrial galvanealed steel housing with powder-coat paint to withstand the elements.

PACKAGED STANDBY SYSTEMS

8,400 Continuous Watts-LP
7,600 Continuous Watts-NG



Optional Accessories

Engine Oil Heater

Keeps oil warm in frigid climates for easier starts and minimizes engine wear.

Battery Heater

Keeps battery warm for maximum power output at start-up and reduces condensation.

ASCO Automatic Transfer Switch

Safely restore power to critical circuit breakers.

Vapor Fuel Strainer

Keep the fuel line free from debris that could cause damage to your engine.

Battery

We offer a group 26 500 CCA battery.

Maintenance Kit

Keep the engine at its peak performance.

GENERATOR SET

OUTPUT	LP GAS			NATURAL GAS			CIRCUIT BREAKER
	WATTS	KVA	AMPS ⁽¹⁾	WATTS	KVA	AMPS ⁽¹⁾	AMPS
120/240V 1-PH	8,400	8.4	35	7,600	7.6	32	35

Notes: (1) Unity (1.0) power factor

GENERATOR

VOLTAGE REGULATION	+/-5%
TOTAL HARMONIC DISTORTION	<5%
TEMPERATURE RISE	125°/40° C
PHASE	SINGLE
TYPE	2 POLE ROTATING FIELD
BRUSHLESS	YES
GENERATOR SPEED	3600 RPM
VOLTAGE CONTROL	CAPACITOR
ROTOR	2/3 PITCH
WINDINGS	100% COPPER
LOAD ACCEPTANCE	100% RATING/SINGLE STEP
SEALED BALL BEARINGS	1
WAVE DISTORTION	<1.5%
TELEPHONE INTERFERENCE	<2%
INSULATION	CLASS H

GENERATOR WARRANTY⁽¹⁾ 1 YR/1000 HRS

NOTES: (1) Generator warranty good for solar and continuous uses. For more generator warranty information contact your local WINCO dealer.

FUEL

FUEL CONSUMPTION	
LP	1.6 GAL/HR - 158,760 BTU/HR
NG	132 FT ³ /HR - 132,000 BTU/HR
FUEL TANK SIZING	
60° F (16° C)	150 GAL
32° F (0° C)	150 GAL
0° F (-18° C)	250 GAL
-20° F (-29° C)	500 GAL
LINE SIZING ⁽¹⁾	
UP TO 25'	3/4" PIPE
25'-100'	1" PIPE
OVER 100'	USE A 2 REGULATOR SYSTEM
INLET PRESSURE	4-6 OZ / 7"-11" WATER COLUMN

Notes: (1) Add 3' for each elbow. Do NOT use 'street ells'.

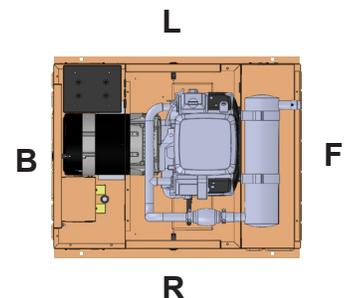
ENGINE

BRAND	BRIGGS & STRATTON
MODEL	VANGUARD
SPEED	3600 RPM
DISPLACEMENT	570 CC/OHV
CYLINDERS	V-TWIN
LUBRICATION	FORCED W/ SPIN-ON FILTER
IGNITION	ELECTRIC
GOVERNOR	MECHANICAL
REGULATION	+/- 1.8 HZ STEADY STATE
EXHAUST	CRITICAL GRADE, GLASS-PACK
LOW OIL PROTECTION	STANDARD
HIGH OIL TEMP PROTECTION	STANDARD
RECOMMENDED OIL ⁽¹⁾	10W-30
OIL CAPACITY	1.5 QTS
CARB/EPA APPROVED	YES
CSA APPROVED	YES
UL2200 LISTED	YES
ENGINE WARRANTY ⁽²⁾	2 YRS

NOTES: (1) This oil is recommended for most applications. See Operator's Manual for more details on the appropriate oil type for your needs. (2) Contact your local Briggs & Stratton service center for engine warranty assistance.

SOUND DATA⁽¹⁾⁽²⁾

NO LOAD	
LEFT	63.2
RIGHT	64.4
FRONT	66.4
BACK	63.8
FULL LOAD	
LEFT	64.9
RIGHT	65.3
FRONT	68.5
BACK	65.3



Notes: (1) All measurements are in db(a). (2) Tested at 7 meters (23 ft.).

BATTERY

DC SYSTEM VOLTAGE	12V
DC ALTERNATOR	ENGINE MOUNTED
BATTER RACK/CABLE	INCLUDED
BATTERY CHARGER	3 STAGE INCLUDED
REQUIRED BATTERY ⁽¹⁾	GROUP 26 500 CCA

Notes: (1) Battery not included

SHIPPING

DIMENSIONS (LxWxH)	36" x 29.75" x 27.375"
NET WEIGHT	388 LBS
SHIPPING DIMENSIONS	45" x 31" x 32"
SHIP WEIGHT	400 LBS
FREIGHT CLASS	70

2-WIRE CONTROL FEATURES

FAIL TO START	YES
FAIL TO STOP	YES
LOW OIL PRESSURE	YES
HIGH ENGINE OIL TEMP	YES
UNDER FREQUENCY/SPEED	YES
OVER FREQUENCY/SPEED	YES
LOW VOLTAGE	YES
HIGH VOLTAGE	YES
BATTERY OVER/UNDER VOLTAGE	YES
DIGITAL DISPLAY	YES

Notes: Control displays generic fault codes.



Specifications are subject to change without notice.

225 S. Cordova Ave Le Center, MN 56057 • 1-800-733-2112 • www.wincogen.com