

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.

Prime Power Ready

This unit is appropriate for either Emergency Standby or Prime Power applications like powering remote water pumps.

100% Load Tested

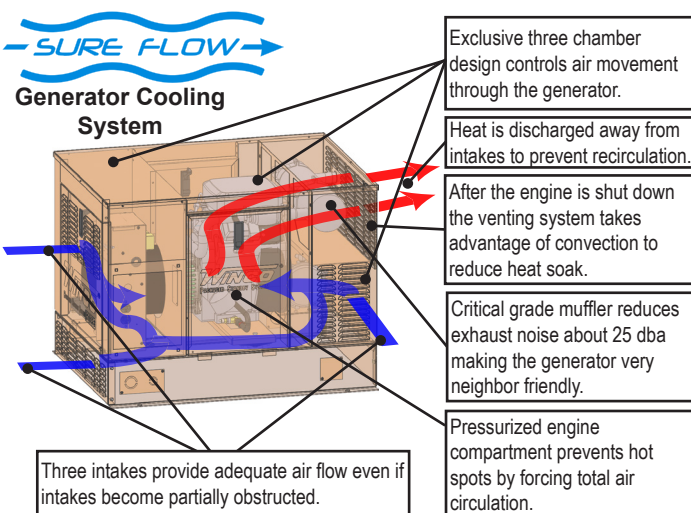
No statistical sampling here. We load test every generator before it leaves our facility.

Galvanealed Steel Weather Enclosure

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

PACKAGED STANDBY SYSTEMS

17,000 Continuous Watts-LP
15,000 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 ⁽¹⁾ | | | NATURAL GAS ⁽¹⁾ | | | CIRCUIT BREAKER |
|---------------|-----------------------|-----|---------------------|----------------------------|-----|---------------------|-----------------|
| | WATTS | KVA | AMPS ⁽²⁾ | WATTS | KVA | AMPS ⁽²⁾ | AMPS |
| 120/240V 1-PH | 17,000 | 17 | 71 | 15,000 | 15 | 62 | 80 |

Notes: (1) Review "Derating Factors" while sizing this generator for your specific application. (2) Unity (1.0) power factor

GENERATOR

| | |
|-----------------------------------|-------------------------|
| VOLTAGE REGULATION | +/-1% |
| TOTAL HARMONIC DISTORTION | <5% |
| TEMPERATURE RISE | 125°/40° C |
| PHASE | SINGLE |
| TYPE | 2 POLE ROTATING FIELD |
| BRUSHLESS | YES |
| GENERATOR SPEED | 3600 RPM |
| VOLTAGE CONTROL | AVR |
| 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⁾ | 2 YR |

NOTES: (1) Generator warranty good for emergency and prime uses. For generator warranty information contact your local WINCO service center.

GENSET

| | |
|--|---------------|
| MOTOR STARTING (CODE G) ⁽¹⁾ | 5 HP |
| PRIME APPLICATIONS | YES |
| CARB/EPA APPROVED | YES |
| CSA APPROVED | YES |
| UL2200 LISTED | YES |
| WINCO WARRANTY ⁽²⁾ | 1 YR/1000 HRS |

NOTES: (1) Gode G capacitor motor. (2) Unit warranty good for emergency and prime uses. For generator warranty information contact your local WINCO service center.

DERATING FACTORS

| | |
|---------------------|----------------|
| TEMPERATURE > 104°F | 3% PER 10°F |
| ALTITUDE | 3% PER 1000 FT |
| PRIME POWER | 20% |
| MAX OPERATING TEMP | 122°F/50°C |

ENGINE

| | |
|--------------------------------|----------------------------|
| BRAND | BRIGGS & STRATTON |
| MODEL | VANGUARD |
| SPEED | 3600 RPM |
| DISPLACEMENT | 993 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 | 2.5 QTS |
| 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.

FUEL

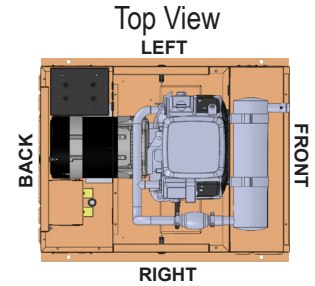
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|------------------|--|
| FUEL CONSUMPTION | |
| LP | 3.61 GAL/HR - 329,000 BTU/HR |
| NG | 328 FT ³ /HR - 328,000 BTU/HR |
| FUEL TANK SIZING | |
| 60° F (16°C) | 150 GAL |
| 32° F (0° C) | 250 GAL |
| 0° F (-18° C) | 500 GAL |
| -20° F (-29° C) | 1000 GAL |
| LINE SIZING | |
| 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'.

SOUND DATA ⁽¹⁾⁽²⁾

| NO LOAD | | | | FULL LOAD | | | |
|---------|-------|-------|------|-----------|-------|-------|------|
| LEFT | RIGHT | FRONT | BACK | LEFT | RIGHT | FRONT | BACK |
| 63.8 | 68.3 | 65.8 | 62.3 | 75.8 | 77.3 | 77.9 | 74.1 |

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) | 54.85" x 36.5" x 37.7" |
| NET WEIGHT | 982 LBS |
| SHIPPING DIMENSIONS | 61" x 38" x 43" |
| SHIP WEIGHT | 995 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.



DSE3110

