

WINCO[®] GENERATORS



An American Company

We produce our products in our 200,000ft² facility located in Le Center, Minnesota, equipped with modern engineering, fabrication and assembly capabilities.



Full Load Tested

Every generator is 100% load tested



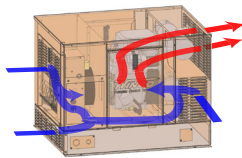
DSE 3110 Controller

Provides operating and diagnostic information



Sure Flow Cooling System

Three cooling intakes provide exceptional airflow and reduce heatsoak.



Battery Charger

1.5 Amp, smart marine charger standard



TÜV Certified

The design, construction, and performance of our stationary generators conform to UL2200 and CSA standards



PSS8B2W

8,400 WATTS

Rugged Design.

Durable enclosure with powder coat paint



Industrial Vanguard Engine.



Mecc Alte Genend.

Brushless



SPECIFICATIONS

ELECTRICAL

| VOLTS | STANDBY | | | | | | PRIME | | | | | | MAIN CB |
|--------------|---------|-----|------|-------|-----|------|-------|-----|------|-------|-----|------|---------|
| | LP | | | NG | | | LP | | | NG | | | |
| | WATTS | KVA | AMPS | WATTS | KVA | AMPS | WATTS | KVA | AMPS | WATTS | KVA | AMPS | |
| 120/240 1-PH | 8,400 | 8.4 | 35 | 7,600 | 7.6 | 32 | 6,720 | 6.7 | 28 | 6,080 | 6.0 | 25 | 35 |

Notes: The solar panel option has a 25 Amp circuit breaker.

ENGINE

| | |
|-------------------------------------|-------------------|
| ENGINE BRAND | BRIGGS & STRATTON |
| ENGINE MODEL | VANGUARD |
| ENGINE STARTER | ELECTRIC |
| ENGINE SPEED | 3600 RPM |
| ENGINE CYLINDERS | V-TWIN |
| GOVERNOR | MECHANICAL |
| DISPLACEMENT/TYPE | 570 CC / OHV |
| FREQUENCY REGULATION ⁽¹⁾ | +/- 5% |
| LOW OIL PROTECTION | STANDARD |
| RECOMMENDED OIL ⁽²⁾ | 10W-30 |
| OIL CAPACITY | 1.5 QT |
| EXHAUST | CRITICAL GRADE |

NOTES: (1) Steady state frequency regulation. (2) The recommended oil is for normal applications. See operator's manual for the recommended oil for your needs.

FUEL

| | |
|-----------------------------|--|
| INLET PRESSURE | 4-6 OZ/7-11" WATER COLUMN |
| FUEL INLET SIZE | 3/4" |
| FUEL CONSUMPTION LP 100% | 1.6 GAL/HR - 158,760 BTU/HR |
| FUEL CONSUMPTION NG 100% | 132 FT ³ /HR - 132,000 BTU/HR |

DERATES

| | |
|---------------------------|------------------------------|
| ABOVE SEA LEVEL | 3% PER 1640 FT |
| MAX OPERATING TEMPERATURE | 122°F 3% PER 10°F > 104°F |

GENSET

| | |
|------------------------------|------------------|
| MOTOR STARTING (CODE G) | 3 HP |
| DBA @ 7 METERS | |
| NO LOAD | 64.5 |
| FULL LOAD | 66.0 |
| TOTAL HARMONIC DISTORTION | < 5% |
| ASSEMBLED IN | USA |
| EPA APPROVED | YES |
| CARB APPROVED | YES |
| TÜV CERTIFICATION | UL2200 CSA |
| UNIT WARRANTY ⁽¹⁾ | 2 YEARS/2000 HRS |

NOTES: (1) For more generator warranty, see operator's manual.

GENERATOR END

| | |
|--------------------|---------------------------|
| VOLTAGE REGULATION | CAPACITOR +/- 5% |
| TEMPERATURE RISE | 125/40° C |
| TYPE | REVOLVING FIELD |
| BRUSHLESS | YES |
| SPEED | 3600 RPM |
| ROTOR | 2/3 PITCH |
| WINDINGS | 100% COPPER |
| COUPLING | DIRECT/MOTOR SHAFT |
| BEARINGS | SINGLE (MAINTENANCE FREE) |
| INSULATION | CLASS H |
| INGRESS PROTECTION | IP23 |

BATTERY

| | |
|---------------------------------|------------------|
| DC SYSTEM | 12V |
| BATTERY RACK/CABLE | INCLUDED |
| BATTERY CHARGER | 1.5 AMP |
| REQUIRED BATTERY ⁽¹⁾ | GROUP 26 500 CCA |

NOTES: (1) Battery not included.



SPECIFICATIONS

SHIPPING

| | |
|---------------------------------|-----------------|
| SHIPPING DIMENSIONS (L x W x H) | 45" x 30" x 34" |
| SHIP WEIGHT | 400 LBS |
| FREIGHT CLASS | 70 |

OPTIONAL ACCESSORIES

| | |
|---------------------------|--|
| BATTERY | |
| BATTERY HEATER | |
| AUTOMATIC TRANSFER SWITCH | |
| VAPOR FUEL STRAINER | |
| OIL HEATER | |
| MAINTENANCE KIT | |
| SOLAR PANEL CHARGER | |



DSE 3110 CONTROLLER

ENGINE DISPLAY/PROTECTION

| | |
|------------------|-----|
| LOW OIL PRESSURE | YES |
| HIGH OIL TEMP | YES |
| OVER/UNDER SPEED | YES |

GENSET DISPLAY/PROTECTION

| | |
|--------------------|-----|
| OVER/UNDER VOLTAGE | YES |
| UNDER FREQUENCY | YES |

ADDITIONAL DISPLAYS/PROTECTIONS

| | |
|----------------------------|-----|
| BATTERY OVER/UNDER VOLTAGE | YES |
|----------------------------|-----|

COMMUNICATIONS

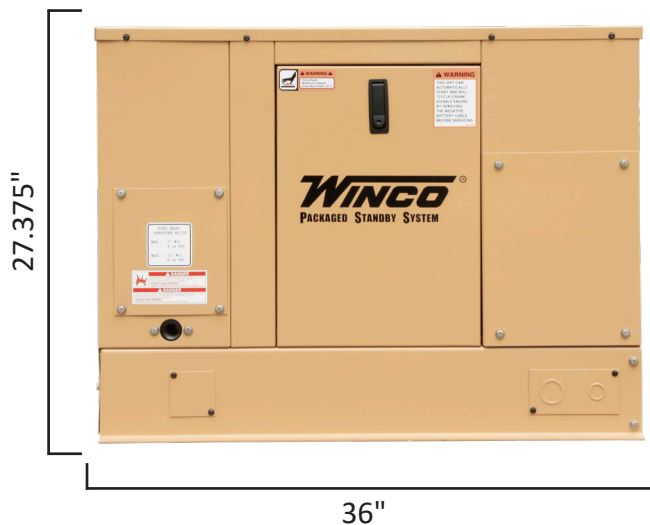
| | |
|-----------------|-----|
| USB CONNECTABLE | YES |
|-----------------|-----|

ADDITIONAL FEATURES

| | |
|----------------------|---|
| CONFIGURABLE INPUTS | 6 |
| CONFIGURABLE OUTPUTS | 4 |

Notes: Control displays generic fault codes.

DIMENSIONS



Specifications are subject to change without notice.

