WINCO GENERATORS®

PSS11B2W

11,000 WATTS

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



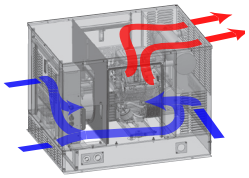
DSE 3110 Controller

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

Rugged Design

Durable enclosure with powder coat paint



Industrial Vanguard Engine



Mecc Alte Genend

Brushless



SPECIFICATIONS

ELECTRICAL

	STANDBY						PRIME						
	LP			NG			LP			NG			
VOLTS	WATTS	KVA	AMPS	WATTS	KVA	AMPS	WATTS	KVA	AMPS	WATTS	KVA	AMPS	MAIN CB
120/240 1-PH	11,000	11	45	9,720	9.7	40	9,360	9.3	39	8,160	8.1	34	50

Notes: The solar panel option has a 40 Amp circuit breaker.

ENGINE

ENGINE BRAND	BRIGGS & STRATTON
ENGINE MODEL	VANGUARD MODEL 38
ENGINE STARTER	ELECTRIC
ENGINE SPEED	3600 RPM
ENGINE CYLINDERS	V-TWIN
GOVERNOR	MECHANICAL
DISPLACEMENT/TYPE	627 CC / OHV
FREQUENCY REGULATION(1)	+/- 5%
LOW OIL PROTECTION	STANDARD
RECOMMENDED OIL(2)	5W-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%	2.5 GAL/HR - 227,000 BTU/HR
75%	1.9 GAL/HR - 172,000 BTU/HR
50%	1.4 GAL/HR - 127,400 BTU/HR
25%	1.0 GAL/HR - 91,000 BTU/HR
0%	0.8 GAL/HR - 73,000 BTU/HR
FUEL CONSUMPTION NG	
100%	173 FT^3/HR - 184,000 BTU/HR
75%	139 FT^3/HR - 146,000 BTU/HR
50%	107 FT^3/HR - 112,000 BTU/HR
25%	81 FT^3/HR - 85,000 BTU/HR
0%	68 FT^3/HR - 72,000 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)	3.5 HP
DBA @ 7 METERS	
NO LOAD	62
FULL LOAD	66
TOTAL HARMONIC DISTORTION	< 5%
ASSEMBLED IN	USA
EPA APPROVED	YES
CARB APPROVED	YES
TÜV CERTIFICATION	UL2200 CSA
UNIT WARRANTY(1)	2 YEARS/1000 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)	48" x 32"x 36"
SHIP WEIGHT	484 LBS
FREIGHT CLASS	70

OPTIONAL ACCESSORIES

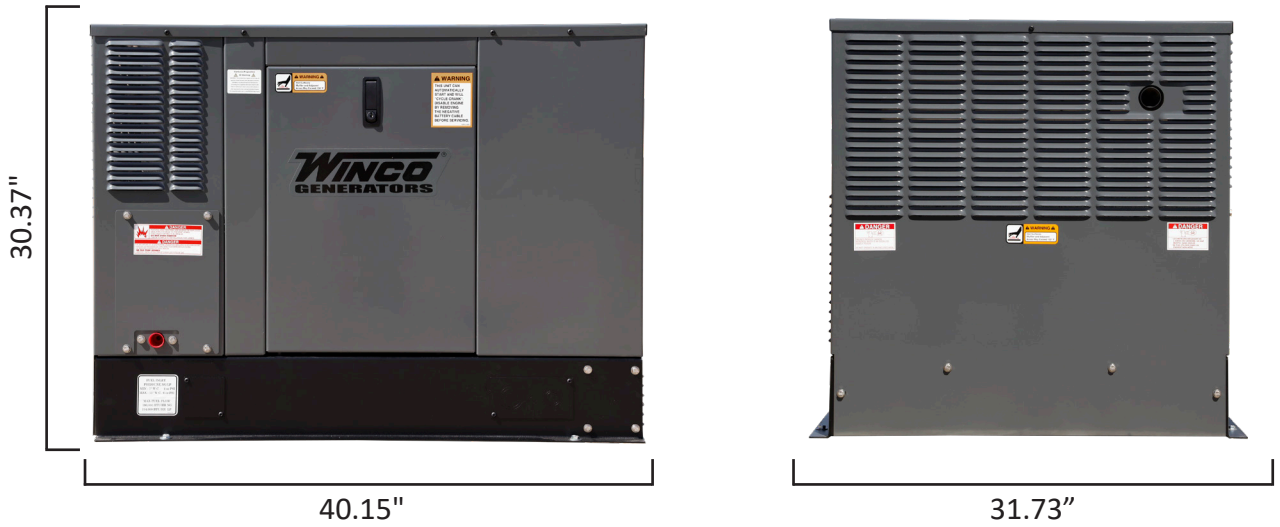
BATTERY
BATTERY HEATER
AUTOMATIC TRANSFER SWITCH
VAPOR FUEL STRAINER
OIL HEATER
MAINTENANCE KIT

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.