

WINGCO[®] 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



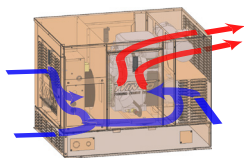
DSE 3110 Controller

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

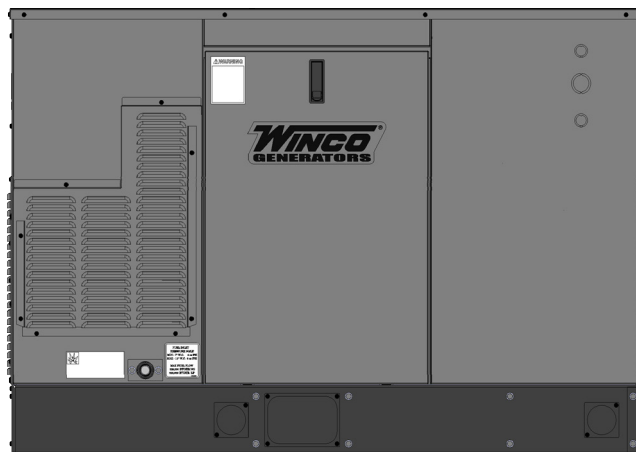


PSS20B2W/D

17,000 WATTS

Rugged Design

Durable enclosure with powder coat paint



Industrial Vanguard Engine



Mecc Alte Genend

Brushless



SPECIFICATIONS

ELECTRICAL

VOLTS	LP			NG			MAIN CB
	WATTS	KVA	AMPS	WATTS	KVA	AMPS	
120/240 1-PH	17,000	17	71	15,000	15	62	80

ENGINE

ENGINE BRAND	BRIGGS & STRATTON
ENGINE MODEL	VANGUARD
ENGINE STARTER	ELECTRIC
ENGINE SPEED	3600 RPM
ENGINE CYLINDERS	V-TWIN
GOVERNOR	MECHANICAL
DISPLACEMENT/TYPE	993 CC / OHV
FREQUENCY REGULATION ⁽¹⁾	+/- 5%
LOW OIL PROTECTION	STANDARD
RECOMMENDED OIL ⁽²⁾	10W-30
OIL CAPACITY	2.5 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%	3.61 GAL/HR - 329,000 BTU/HR
75%	2.8 GAL/HR - 256,332 BTU/HR
50%	2.1 GAL/HR - 192,248 BTU/HR
25%	1.5 GAL/HR - 137,320 BTU/HR
FUEL CONSUMPTION NG	
100%	328 FT ³ /HR - 328,000 BTU/HR
75%	257 FT ³ /HR - 257,000 BTU/HR
50%	188 FT ³ /HR - 188,000 BTU/HR
25%	143 FT ³ /HR - 143,000 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)	5 HP
DBA @ 7 METERS	
NO LOAD	65.1
FULL LOAD	76.3
TOTAL HARMONIC DISTORTION	< 5%
ASSEMBLED IN	USA
EPA APPROVED	YES
CARB APPROVED	YES
TÜV CERTIFICATION	UL2200 CSA
UNIT WARRANTY ⁽¹⁾	1 YEAR/1000 HRS

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

GENERATOR END

VOLTAGE REGULATION	AVR +/- 1%
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.

SHIPPING

SHIPPING DIMENSIONS (L x W x H)	61" x 38"x 44"
SHIP WEIGHT	878 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.