

PSS8B

Packaged Standby Generator

FEATURES

- Easily installed outside new or existing homes
- Critical grade exhaust system for quieter operation
- Mainline circuit breaker included standard
- Sound attenuated housing constructed of galvanized steel with durable powder paint finish & hinged access doors
- Equipped for either Natural Gas or LP Vapor fuel
- CARB & EPA approved
- UL & CSA approved
- Low maintenance
- Requires purchase of a transfer switch for automatic operation (sold separately - see specs below)



MODEL NUMBER	POWER OUTPUT (60hz)	POWER RATING- CONTINUOUS STANDBY (1)					
		L.P. Gas			Natural Gas		
		KW	KVA	AMPS	KW	KVA	AMPS
PSS8B	120/240V, 1-Phase, 1.0 p.f.	8.0	8.0	30.0	7.2	7.2	30.0

Starting System

PSS8B4W 4-Wire Start System

Requires purchase of an ASCO165 4-wire start transfer switch. All starting controls including start contacts and fuel solenoid contacts as well as all delays are located on the control board in the ASCO transfer switch. Cycle cranking is included standard. A Running Time Meter, Off/Normal & Auto/Run/Start Switches are provided on the generator control panel.

Engine Specifications

Make/Model	B&S Vanguard
Displacement/Type	480 c.c./OHV
Engine Speed	3600 rpm

Engine Features

Electronic Ignition	Standard
Cooling System	Air
NG or LP Vapor Fuel System	Standard
Critical Grade Exhaust System	Standard
DBA Rating @ 7 meters (23 ft)	68 N-L/70 F-L
Battery Rack/Cables (3)	Standard
Vibration Isolators	Standard
Low Oil Protection	Standard
Float Battery Charger	Standard

Fuel Consumption

Full Load - LP Gas (2)	1.60 gal/hr
Half Load - LP Gas (2)	1.00 gal/hr
Full Load - Natural Gas	132 ft ³ /hr
Half Load - Natural Gas	95 ft ³ /hr
Required Fuel Pressure	4-6 oz or 7-11" w.c.

PSS8B2W 2-Wire Start System

Requires purchase of the optional 2-wire start control which makes the unit compatible with any transfer switch using a dry contact closure upon power failure. Two wire start controls come standard with a 10 second start delay and 90 second cooldown delay. Cycle cranking is included standard. Running Time Meter & Auto/Off/Run Switch are provided on the generator control panel.

Generator Data

Generator Type (4)	RFL
Voltage Regulation	+/- 5%
Frequency Regulation	+/- 3%
Harmonic Distortion	< 5%
Motor Starting Ability (5)	4 hp

Size and Weight

L x W x H (in)	30.5 x 27.3 x 27.4
Ship Weight (lbs)	365

Warranty Information

Engine/Generator	2 Years/1 Year
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Optional Accessories

Engine Heater
Vapor Fuel Filter

ULATS165 Auto Transfer Switch (sold separately)

Engine Start Delay	3 Seconds
Transfer Delay	15 Seconds
Retransfer Delay	5 Minutes
Engine Cooldown Delay	1 Minute
14-Day Exercise Circuit	Standard
Warranty	1 Year

NOTES:

- (1) Derate 3.5% per 1,000 feet elevation above sea level
- (2) One gallon of L.P. gas equals 4.23 lbs
- (3) Battery not included. Requires 12-volt Group 26, 450 cca battery
- (4) Rotating Field Brushless design generator
- (5) Code G capacitor start motor