

# **PSS60**

### **Features**

#### **GM 5.7L engine**

The 8 cylinder, overhead valve engine meets EPA/CARB emission regulations for LSI engines.

#### Stamford generator end

Industrial grade generator ends.

#### Premium Square D circuit breakers

Top quality breakers from a trusted brand.

#### **Battery charger**

Factory installed 3 stage, 2 Amp battery charger.

#### **Block heater**

In-line Kim Hotstart, 120V, block heater with thermostat.

#### **DSE 7310 MKII**

Our digital controller is powerful and dynamic with a user-friendly interface.

#### Galvanealed steel weather enclosure

Conforms to NFPA noncombustible standards.

#### 100% load tested

You won't find statistical sampling here. We load test every generator before it leaves our facility.

# PACKAGED STANDBY SYSTEMS

60,000 Continuous Watts-LP 58,000 Continuous Watts-NG



# **Optional Accessories**

### Generator strip heater

Reduces condensation.

#### **ASCO Automatic transfer switch**

Safely restore power to critical circuits.

#### Vapor fuel strainer

Keep the fuel line free from debris that could cause damage to you generator.

#### **Excitation boost system**

Provides excitation power for heavy loads or short circuits.

#### Battery charger upgrade

Upgrade from the standard 2 Amp charger to a 5 Amp or 10 Amp with fail contact or 10 Amp NFPA compliant.

#### Battery heater upgrade

Keeps battery warm for maximum power output at start-up.

#### NFPA 110 Level 1

Factory installed, includes remote annunciator, DSE 10 Amp battery charger, and low coolant alarm.

#### WebNet

Control your generator from your smartphone or computer.

#### LP liquid withdrawal

Pulls liquid LP from tank and vaporizes on eng/gen set; allowing you to install smaller fuel lines and smaller fuel tanks.

PG. 1 SP-142/B • PSS60/E

MODEL NUMBER	OUTPUT		LP GAS		NA	TURAL G	AS	CIRCUIT BREAKER
	VOLTS	WATTS	KVA	AMPS	WATTS	KVA	AMPS	AMPS
PSS60-3	120/240 1-PH	56,000	56	233	55,000	55	229	250
PSS60-4	120/208 3-PH	60,000	75	208	58,000	72	201	200
PSS60-17	120/240 3-PH	60,000	75	180	58,000	72	174	200
PSS60-18	277/480 3-PH	60,000	75	90	58,000	72	87	90

Derating factors: **Temperature** - 1% for every 10°F above 77°F air inlet **Elevation** - 3% per 1,000 feet elevation above 1,000 feet above sea level.

#### **GENERATOR**

-	
SINGLE PHASE <sup>(1)</sup>	4 LEAD
3 PHASE <sup>(2)</sup>	12 LEAD
VOLTAGE REGULATION	+/-1%
VOLTAGE CONTROL	AS 440
TOTAL HARMONIC DISTORTION	<5%
TEMPERATURE RISE	125°/40° C
TYPE	4 POLE ROTATING FIELD
BRUSHED	NO
GENERATOR SPEED	1800 RPM
ROTOR	2/3 PITCH
WINDINGS	100% COPPER
STATOR WINDING	DOUBLE LAYER CONCENTRIC
EFFICIENCY PEAK	91%
COUPLING	FLEXIBLE DISC
BEARINGS	(1) MAINTENANCE FREE
TELEPHONE INTERFERENCE	<2%
INSULATION	CLASS H
GENERATOR WARRANTY(3)	1 YR/1000 HRS
NOTES: (1) Unity (1.0) power factor (2) 3 DH	nower factor 0.8 (3) For generator warranty

NOTES: (1) Unity (1.0) power factor (2) 3-PH power factor 0.8 (3) For generator warranty information contact you local WINCO service center.

### **FUEL**

FUEL CONSUMPTION	AT FULL LOAD
LP	9.29 GAL/HR - 850,964 BTU/HR
NG	799 FT³/HR - 798,455 BTU/HR
INLET PRESSURE	4-6 OZ / 7"-11" WATER COLUMN
FUEL INLET SIZE	1 1/4"

## **BATTERY**<sup>(1)</sup>

DC SYSTEM VOLTAGE	12V
DC ALTERNATOR	ENGINE MOUNTED
BATTER RACK/ CABLE	INCLUDED
BATTERY CHARGER	STAGE 3 INCLUDED
REQUIRED BATTERY	GROUP 24 650 CCA
NOTES: (1) Battery not included	

#### **ENGINE**

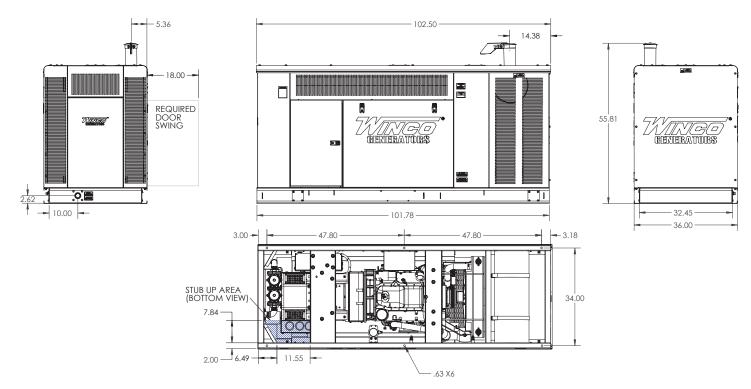
BRAND	GM		
MODEL	5.7L INDUSTRIAL		
SPEED	1800 RPM		
DISPLACEMENT	5.7L		
CYLINDERS	8		
LUBRICATION	FORCED W/ SPIN-ON FILTER		
COOLING	LIQUID		
BORE X STROKE	4 X 3.5"		
IGNITION	ELECTRIC		
GOVERNOR	ELECTRONIC		
REGULATION	+/- 1 HZ STEADY STATE		
EXHAUST	CRITICAL GRADE		
EXHAUST OUTLET SIZE	3" AT MUFFLER		
RECOMMENDED OIL	SAE 10W-30		
OIL CAPACITY	5.5 QTS		
LOW OIL PROTECTION	STANDARD		
HIGH COOLANT TEMP PROTECTION	STANDARD		
dBA AT 7 METERS (FULL LOAD)	75		
MOTOR STARTING (CODE G) <sup>(1)</sup>	20 HP		
CARB/EPA APPROVED	YES		
CSAAPPROVED	YES		
ENGINE WARRANTY(2)	3 YRS/3500 HRS		
NOTES: (1) Code G capacitor motor. (2) Contact your local GM service center for engine			

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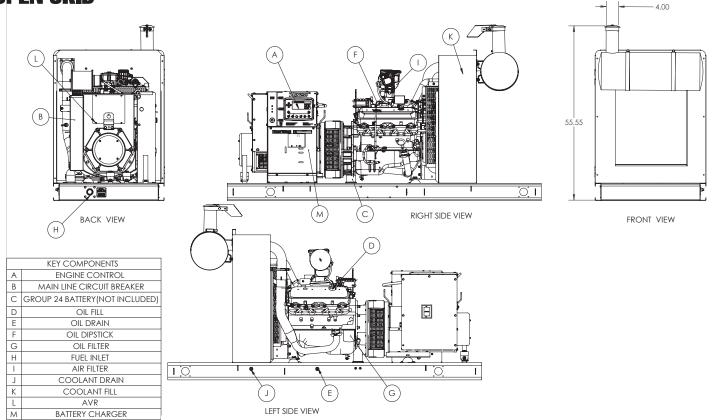
### **SHIPPING**

DIMENSIONS (LxWxH)	102.5" x 36" x 51.8"
NET WEIGHT	2350 LBS
SHIPPING DIMENSIONS	109" x 40.5" x 60"
SHIP WEIGHT	2390 LBS
FREIGHT CLASS	70

# **ENCLOSED**



# **OPEN SKID**



### **DSE 7310 MKII CONTROL FEATURES**

DOL 7 OIO MINII ODITTIIOL I LATOILLO	
ENGINE DISPLAY/PROTECTION	
ENGINE RPM	YES
LOW OIL PRESSURE	YES
HIGH COOLANT TEMPERATURE	YES
LOW COOLANT LEVEL	OPTIONAL
OVERSPEED	YES
UNDERSPEED	YES
OVERCRANK	YES
CAN ECU SHUTDOWN	YES
GENSET DISPLAY/PROTECTION	
VOLTAGE (L-N)	YES
VOLTAGE (L-L)	YES
OVERVOLTAGE	YES
UNDERVOLTAGE	YES
FREQUENCY	YES
OVERFREQUENCY	YES
UNDER FREQUENCY	YES
PHASE IMBALANCE	DISABLED
KW, KVA, KVARH DISPLAY	YES
KWH, KVAH, KVARH DISPLAY	YES
GENERATOR PHASE SEQUENCE	YES
EARTH CURRENT	OPTIONAL

ADDITIONAL DISPLAYS/PROTECTIONS	
EMERGENCY STOP	YES
BATTERY VOLTAGE	YES
BATTERY OVER/UNDER VOLTAGE	YES
BATTERY CHARGER FAILURE	OPTIONAL
COMMUNICATIONS	
USB CONNECTABLE	YES
RS232/RS485	YES
NFPA ANNUNCIATOR OPTIONAL	10XDSE 2548
REMOTE DISPLAY PANEL	3XDSE 2510 OPTIONAL
ETHERNET/MODEM	OPTIONAL
ADDITIONAL FEATURES	
AUDIBLE ALARM	YES
ENGINE EXERCISER	USER ENABLED
MAINTENANCE INTERVAL TIMER	USER ENABLED
CONFIGURABLE INPUTS OPTIONAL	14-32 W/4 DSE 2130
CONFIGURABLE OUTPUTS OPTIONAL	8-80 W/DSE 2157
EVENT LOG	250
ALTERNATIVE CONFIGURATIONS	5
UL/CSA LISTED	YES
Contact your local WINCO dealer for more DSE 7310	MKII information.



Specifications are subject to change without notice.