

# PSS65F4

Designed, engineered, and manufactured in our facility located in Le Center, Minnesota, equipped with modern engineering, fabrication and assembly capabilities.

## Rugged Design

Engineered for a longer lifetime in varying weather conditions with multiple housing options.

## Full Load Tested

Every generator is 100% load tested in-house.

## DSE7310 Controller

Provides immediate performance information.



**STAMFORD**

		STANDBY						PRIME					
		LP			NG			LP			NG		
VOLTS	P.F.	WATTS	KVA	AMPS	WATTS	KVA	AMPS	WATTS	KVA	AMPS	WATTS	KVA	AMPS
120/240 1-PH	1.0	60,000	60,000	250	58,000	58,000	241	54,000	54,000	216	52,000	52,000	216
120/208 3-PH	0.8	65,000	81,000	225	58,000	72,400	201	58,000	72,400	201	52,000	65,000	180
120/240 3-PH	0.8	65,000	81,000	195	58,000	72,400	174	58,000	72,400	174	52,000	65,000	156
277/480 3-PH	0.8	65,000	81,000	97	58,000	72,400	87	58,000	72,400	87	52,000	65,000	78
346/600 3-PH	0.8	65,000	81,000	78	58,000	72,400	70	58,000	72,400	70	52,000	65,000	62.5

MOTOR STARTING (CODE G)	28 HP
DBA @ 7 METERS FULL LOAD	72
TOTAL HARMONIC DISTORTION	< 5%
MAIN CIRCUIT BREAKER	
120/240V 1-PH	250A
120/208V & 120/240 3-PH	225A
277/480V 3-PH	100A
346/600V 3-PH	80A
FLOATING NEUTRAL	YES

ASSEMBLED IN	USA
EPA APPROVED	YES
CARB APPROVED	YES
TÜV CERTIFICATION	
CSA	YES
UL2200	YES
UNIT WARRANTY <sup>(1)</sup>	1 YEAR/2,000 HOURS

## ENGINE

ENGINE BRAND	FORD
ENGINE MODEL	WSG 873
ENGINE STARTER	12V ELECTRIC
ENGINE SPEED	1800 RPM
ENGINE CYLINDERS	8
ENGINE HP	
LP	132
NG	121
FREQUENCY	60 HZ
ALTERNATOR	210 AMPS 12V
FLYWHEEL	11.5"
ROTATION	CW
ASPIRATION/COOLING	NATURAL
COOLANT	6.3 GAL

BORE/STROKE	107.2 mm x 101 mm
DISPLACEMENT/TYPE	7.3L
LOW OIL PROTECTION	STANDARD
RECOMMENDED OIL <sup>(2)</sup>	5W-30 SAE
OIL CAPACITY	8 QT
GOVERNOR	ELECTRONIC
COMPRESSION RATIO	10.5:1
FAN TYPE	PUSHER
RADIATOR COOLING AIR	5,560 CFM
EXHAUST FLOW	5,601 CFM
EXHAUST OUTLET SIZE	4"
CUMBUSTION AIR	197 CFM
STARTING TEMP W/BLOCK HEATER	--

## FUEL

FUEL PRESSURE	4-6 OZ/7-11" WATER COLUMN
FUEL CONSUMPTION LP	
100%	9.4 GAL/HR - 869,650 BTU/HR
75%	7.1 GAL/HR - 649,310 BTU/HR
50%	4.5 GAL/HR - 411,534 BTU/HR
25%	2.4 GAL/HR - 216,890 BTU/HR

FUEL INLET SIZE	1.25"
FUEL CONSUMPTION NG	
100%	11.1 GAL/HR - 1,015,117 BTU/HR
75%	8.3 GAL/HR - 759,052 BTU/HR
50%	5.5 GAL/HR - 502,986 BTU/HR
25%	2.9 GAL/HR - 265,211 BTU/HR

## GENERATOR END

GENERATOR END BRAND	STAMFORD
GENERATOR END MODEL	UCI224F1L
WINDING	
SINGLE PHASE	4 LEAD
THREE PHASE	12 LEAD
WINDING NUMBER	
SINGLE PHASE	06
3-PH 208V, 240V, 480V	311
3-PH 600V	17
VOLTAGE REGULATION	AVR +/- 1%
AVR TYPE	AS440
TEMPERATURE RISE	125/40°C
TYPE	REVOLVING FIELD

BRUSHLESS	YES
SPEED	1800 RPM
STATOR	2/3 PITCH
WINDINGS	100% COPPER
STATOR WINDING	DOUBLE LAYER CONCENTRIC
COUPLING	DIRECT/FLEXIBLE DISC
BEARINGS	SINGLE (MAINTENANCE FREE)
EFFICIENCY PEAK	
SINGLE PHASE	87.5%
THREE PHASE	93.2%
INSULATION	CLASS H
INGRESS PROTECTION	IP23

## DERATES

ABOVE SEA LEVEL > 2,000 FT	2% EVERY 500 FEET
-------------------------------	-------------------

AMBIENT TEMPERATURE >104°F	4% EVERY 10°F
-------------------------------	---------------

## BLOCK HEATER

VOLTS	120
WATTS	1,500
AMPS	12.5 AMPS

THERMOSTAT	
ON	100° F
OFF	120° F



# BATTERY

DC SYSTEM	12V
BATTERY RACK/CABLE	INCLUDED

BATTERY CHARGER	5 AMP
REQUIRED BATTERY <sup>(3)</sup>	GROUP 24 650 CCA

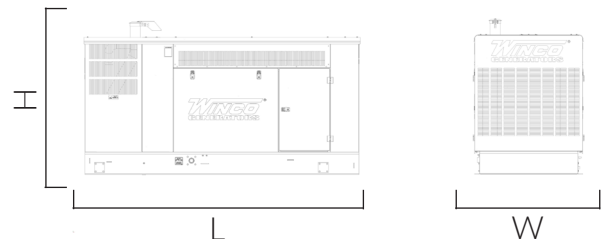
# DSE 7310 MKII CONTROLLER

ENGINE DISPLAY/PROTECTION	
ENGINE RPM	YES
LOW OIL PRESSURE	YES
HIGH COOLANT TEMP	YES
LOW COOLANT	YES
OVER/UNDER SPEED	YES
OVER CRANK	YES
CAN ECU SHUTDOWN	YES
GENSET DISPLAY/PROTECTION	
VOLTAGE (L-N & L-L)	YES
OVER/UNDER VOLTAGE	YES
FREQUENCY	YES
OVER/UNDER FREQUENCY	YES
AMP DISPLAY/SHUTDOWN	YES
PHASE IMBALANCE	DISABLED
KW, KVA, KVARH DISPLAY	YES
KWH, KVAH, KVARH DISPLAY	YES
GENERATOR PHASE SEQUENCE	OPTIONAL

ADDITIONAL DISPLAYS/PROTECTIONS	
EXTERNAL E-STOP	YES
BATTERY VOLTAGE	YES
BATTERY OVER/UNDER VOLTAGE	YES
COMMUNICATIONS	
USB CONNECTABLE	YES
RS232/RS485	YES
NFPA ANNUNCIATOR	OPTIONAL
REMOTE DISPLAY PANEL	OPTIONAL
ETHERNET/MODEM	OPTIONAL
ADDITIONAL FEATURES	
AUDIBLE ALARM	YES
ENGINE EXERCISER	YES
MAINTENANCE INTERVAL TIMER	OPTIONAL
LOAD SHEDDING/DUMMY	OPTIONAL
CONFIGURABLE INPUTS	4 (EXPANDABLE)
CONFIGURABLE OUTPUTS	4 (EXPANDABLE)
EVENT LOG	250

# SHIPPING

SHIPPING DIMENSIONS (L x W x H)	115.5" x 48" x 65"
SHIP WEIGHT	2,625 LBS
FREIGHT CLASS	70



# OPTIONAL ACCESSORIES

GENERATOR STRIP HEATER
AUTOMATIC TRANSFER SWITCH
PERMANENT MAGNET GENERATOR
VAPOR FUEL STRAINER
BATTERY CHARGER UPGRADE

BATTERY HEATER
NFPA 110 LEVEL 1
DSE 8610 PARALLELING
DSE 890 WEBNET
LP LIQUID WITHDRAWAL

## NOTES:

- (1) For more warranty information, see operator's manual.
  - (2) The recommended oil is for normal applications.  
See operator's manual for more oil recommendations.
  - (3) Batteries not included.
- Specifications are subject to change without notice.



Sales: 507-357-6821  
Service: 507-357-6831

