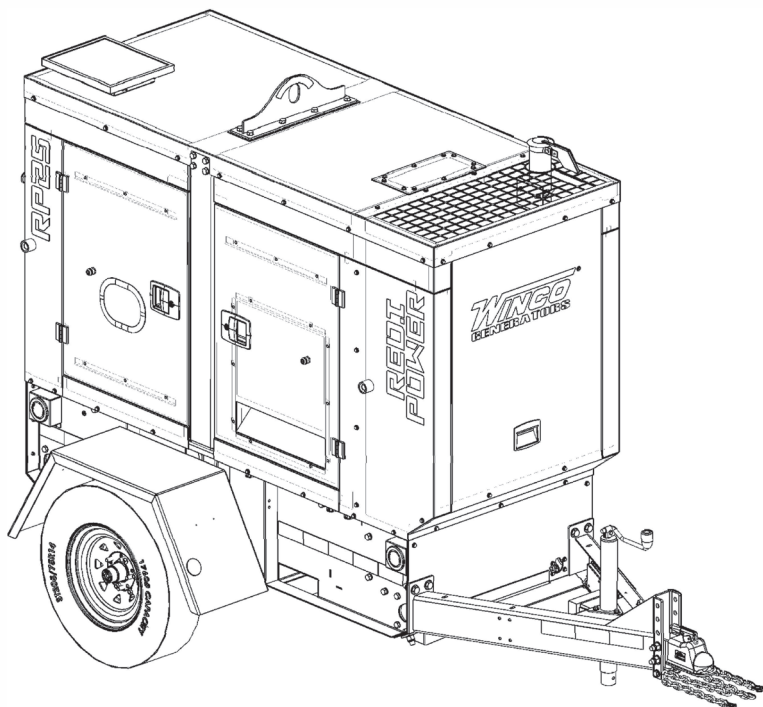




Designed, engineered, and manufactured in our facility located in Le Center, Minnesota, equipped with modern engineering, fabrication and assembly capabilities.

Switchable Voltage Option

Easily switch from single phase to three phase.

Oil Field Skid

Ready to work with its rugged design.

Cam-Lock Receptacles

Quickly connect loads without hard wiring.



STAMFORD

	VOLTS	POWER FACTOR	STANDBY			PRIME		
			WATTS	KVA	AMPS	WATTS	KVA	AMPS
SWITCHABLE	120/240 1-PH	1.0	47,500	47.5	198	42,750	42.75	178
	120/208 3-PH	0.8	47,500	59.375	164	53,438	53.438	148
	277/480 3-PH	0.8	47,500	59.375	71	53,438	53.438	64
DEDICATED VOLTAGE AVAILABLE								

MOTOR STARTING (CODE G)	21 HP
DBA @ 7 METERS FULL LOAD	68
TOTAL HARMONIC DISTORTION	< 5%
MAIN CIRCUIT BREAKER	200A, 600V (SHUNT)
BONDED NEUTRAL	YES
120 VOLT RECEPTACLES	(2) NEMA 5-20 20A (GFCI)
120/240 VOLT RECEPTACLES	(2) C6369 50A
BATTERY ⁽¹⁾	GROUP 24 650 CCA

BATTERY CHARGER	5 AMP GUEST SOLAR
FORKLIFT POCKETS	STANDARD
ASSEMBLED IN	USA
EPA APPROVED	TIER IV FINAL
CARB APPROVED	TIER IV FINAL
TÜV CSA CERTIFICATION	YES
UNIT WARRANTY ⁽²⁾	1 YEAR/2,000 HOURS

ENGINE

ENGINE BRAND	FPT
ENGINE MODEL	F5 C
RATING	TIER IV FINAL
ENGINE STARTER	12V ELECTRIC
ENGINE SPEED	1800 RPM
ENGINE CYLINDERS	4
ENGINE HP	74
FREQUENCY	60 HZ
ALTERNATOR	95 AMPS 12V
FLYWHEEL	11.5"
ROTATION	CCW
ASPIRATION/COOLING	TURBOCHARGED
COOLANT	5.1 GAL
BORE/STROKE	99 mm x 110 mm
DISPLACEMENT/TYPE	3.4 L

LOW OIL PROTECTION	STANDARD
RECOMMENDED OIL ⁽³⁾	5W-40 SAE
OIL CAPACITY	8.5 QT
INJECTION PUMP	BOSCH CP4.1
GOVERNOR	ELECTRONIC
COMPRESSION RATIO	16.5:1
FAN TYPE	PUSHER
INTAKE AIR CONSUMPTION	617.3 LBS/HR
RADIATOR COOLING AIR	6,865 CFM
EXHAUST FLOW	0.41 CFM
EXHAUST OUTLET SIZE	4"
STARTING AIDES	GLOW PLUGS
STARTING TEMP NATURAL W/ AIDES	5° F
STARTING TEMP W/BLOCK HEATER	-25° F
BATTERY CHARGER	5 AMP + SOLAR

FUEL

TYPE	ASTM D975 NO-2D DIESEL
FUEL TANK	95 GAL - 110% CONTAINMENT
FULL LOAD RUN TIME ⁽⁴⁾	27 HOURS

FUEL CONSUMPTION	GAL/HR
100%	3.60
80%	3.65

GENERATOR END

GENERATOR END BRAND	STAMFORD
GENERATOR END MODEL	UCI224F1L
WINDING	311 - 12 LEAD
VOLTAGE REGULATION	AVR +/- 1%
AVR TYPE	DSE A109
TEMPERATURE RISE	125/40°C
TYPE	REVOLVING FIELD
BRUSHLESS	YES
SPEED	1800 RPM

ROTOR	2/3 PITCH
WINDINGS	100% COPPER
STATOR WINDING	DOUBLE LAYER CONCENTRIC
COUPLING	DIRECT/FLEXIBLE DISC
BEARINGS	SINGLE (MAINTENANCE FREE)
EFFICIENCY PEAK	92.5
INSULATION	CLASS H
INGRESS PROTECTION	IP23

DERATES

ABOVE SEA LEVEL	
> 3,280 FT	10% EVERY 1,640 FT
> 9,842 FT	20% EVERY 1,640 FT

AMBIENT TEMPERATURE >104°F	2% EVERY 9°F
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BLOCK HEATER

VOLTS	120
WATTS	1,000
AMPS	8.4 AMPS

THERMOSTAT	
ON	100° F
OFF	120° F

TRAILER

CAPACITY	5,000 LBS
TORFLEX AXLES	SINGLE
STANDARD HITCH SIZE	2" BALL COUPLING

HITCH HEIGHT	ADJUSTABLE
TIRES	15"
TIRE PRESSURE	65 PSI

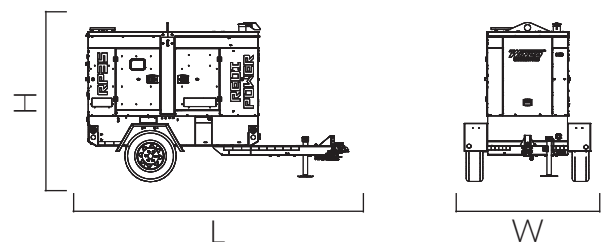
DSE 7310 MKII CONTROLLER

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)	150" x 71" x 88"
SHIP WEIGHT	4,500 LBS
FREIGHT CLASS	85



OPTIONAL ACCESSORIES

COUPLER	2 5/16"
PINTLE	3"
50 AMP PLUG	CS6365C

TRAILER ACCESSORIES	SPARE TIRE TOOL BOX
BATTERY	GROUP 24 650 CCA
DSE8610	WITH PARALLELING CONTACTOR

NOTES:

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



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

