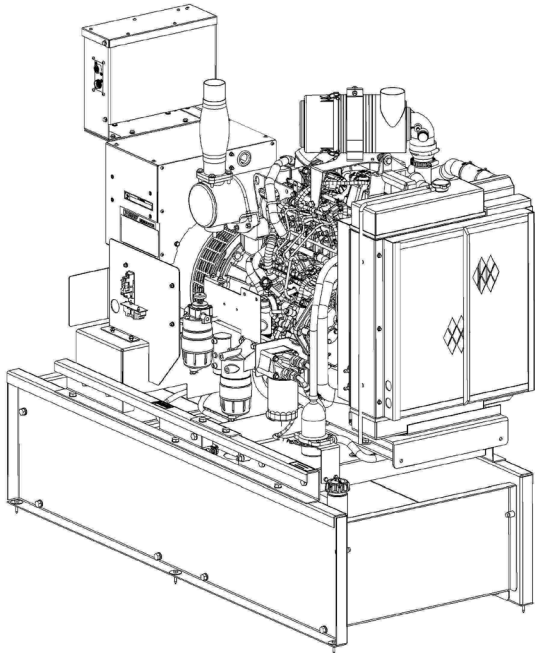


DE4014



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

Full Load Tested

Every generator is 100% load tested in-house.

Electronic Common Rail

Excellent frequency control and load pick-up.

Isuzu Tier IV Engine

Dependable 4 cylinder, 1800 RPM engine that is EPA compliant, Tier IV final with DOC.

No Urea

No Shutdowns for regens

ISUZU



STAMFORD[®]

VOLTS	PF	STANDBY			PRIME		
		WATTS	KVA	AMPS	WATTS	KVA	AMPS
120/240 1-PH	1.0	36,000	36.0	150	32,400	32.4	135
120/208 3-PH	0.8	39,000	48.75	135	35,100	43.8	122
120/240 3-PH	0.8	39,000	48.75	117	35,100	43.8	105
277/480 3-PH	0.8	39,000	48.75	58	35,100	43.8	52
346/600 3-PH	0.8	39,000	48.75	47	35,100	43.8	42

MOTOR STARTING (CODE G)	12.5 HP
DBA @ 7 METERS FULL LOAD	82.3
TOTAL HARMONIC DISTORTION	< 5%
MAIN CIRCUIT BREAKER	CUSTOMER SUPPLIED
120/240 1-PH	150-175A
120/208 3-PH	125-150A
120/240 3-PH	125-150A
277/480 3-PH	50-75A
346/600 3-PH	50A
BONDED NEUTRAL	YES

REQUIRED BATTERY ⁽¹⁾	GROUP 24 650 CCA
FORKLIFT POCKETS	STANDARD
ASSEMBLED IN	USA
EPA APPROVED	TIER IV
CARB APPROVED	TIER IV
TÜV CERTIFICATION	
CSA	YES
UL2200	YES
UNIT WARRANTY ⁽²⁾	1 YEAR/2,000 HOURS

ENGINE

ENGINE BRAND	ISUZU
ENGINE MODEL	4LE2XAGV02
ENGINE STARTER	12V ELECTRIC
ENGINE SPEED	1800 RPM
ENGINE CYLINDERS	4
ENGINE HP	66
FREQUENCY	60 HZ
ALTERNATOR	35 AMPS, 12V
FLYWHEEL	10"
ROTATION	CCW
ASPIRATION	TURBOCHARGED
BORE/STROKE	85 mm x 96 mm
DISPLACEMENT/TYPE	2.2L
EXHAUST FLOW	189.3 CFM

EXHAUST OUTLET	3"
RECOMMENDED OIL ⁽³⁾	5W-40 SAE
OIL CAPACITY	11 QT
INJECTION PUMP	BOSCH CP4.1
GOVERNOR	ELECTRONIC
COMPRESSION RATIO	17.6:1
FAN TYPE	PUSHER
INTAKE AIR CONSUMPTION	104.9 CFM
COOLANT CAPACITY	4 QT
RADIATOR COOLING AIR	2,700 CFM
STARTING AIDES	GLOW PLUGS
START TEMP NATURAL W/ AIDES	-13° F
START TEMP W/ BLOCK HEATER ⁽⁴⁾	-20° F

FUEL

TYPE	ASTM D975 NO-2D DIESEL
OPTIONAL FUEL TANK ⁽⁵⁾	47 GAL
CONTAINMENT	110%
TANK DIMENSIONS	70.5" x 30" x 18"
FULL LOAD RUN TIME ⁽⁶⁾	15 HOURS

FUEL CONSUMPTION	GAL/HR
100%	3.01
75%	2.33
50%	1.65
25%	0.98

GENERATOR END

GENERATOR END BRAND	STAMFORD
GENERATOR END MODEL	S1L2-R1
WINDING	711 - 12 LEAD
VOLTAGE REGULATION	AVR +/- 1%
AVR TYPE	AS540
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	89.9%
INSULATION	CLASS H
INGRESS PROTECTION	IP23

DERATES

ABOVE SEA LEVEL	
6,561 FT	10%
9,842 FT	20%

AMBIENT TEMPERATURE	
>104°F	3% EVERY 10°F

ROCKER MANUAL START

ENGINE

LOW OIL PRESSURE	SHUTDOWN
HIGH COOLANT TEMP	SHUTDOWN
OVER CRANK	SHUTDOWN
CAN ECU	DISPLAY/SHUTDOWN

GENSET

VOLTAGE (L-L)	DISPLAY
---------------	---------

OPTIONAL 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

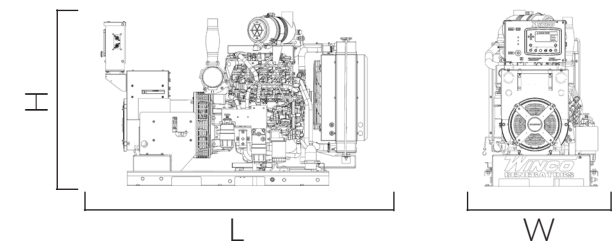
USB CONNECTABLE	YES
RS232/RS485	YES
NFPA ANNUNCIATOR	OPTIONAL
REMOTE DISPLAY PANEL	OPTIONAL
ETHERNET/MODEM	OPTIONAL

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)	84" x 37" x 65"
SHIP WEIGHT (Without Tank)	1,822 LBS
FREIGHT CLASS	70



OPTIONAL ACCESSORIES

BATTERY	GROUP 24 650 CCA
BLOCK HEATER	1,800 WATTS, 15 AMP
BATTERY CHARGER	5 AMP
DIGITAL CONTROLLER	DSE 7310 MKII

MIMIC PANEL	DSE2510
REMOTE MONITORING	DSE2548
SOLAR BATTERY CHARGER	10 AMP

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) Block heater is not included.
 - (5) 47 Gallon composite tank does not conform to UL2200.
 - (6) Run time is estimated.
- Specifications are subject to change without notice.



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

