

DE2314

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

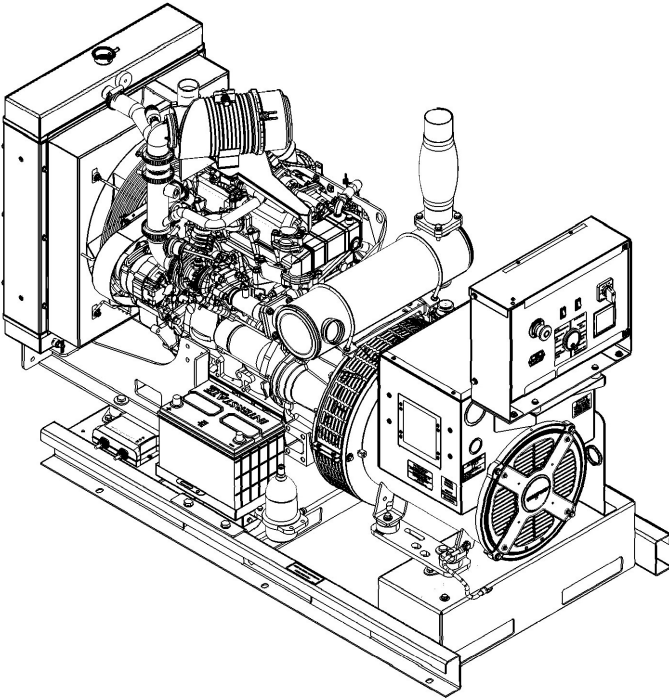
Excellent frequency control and load pick-up.

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	22,000	22.0	91	19,800	19.8	82
120/208 3-PH	0.8	23,000	28.75	79	20,700	25.875	71
120/240 3-PH	0.8	23,000	28.75	69	20,700	25.875	62
277/480 3-PH	0.8	23,000	28.75	34	20,700	25.875	31
346/600 3-PH	0.8	23,000	28.75	27	20,700	25.875	25

MOTOR STARTING (CODE G)	7 HP
DBA @ 7 METERS FULL LOAD	-
TOTAL HARMONIC DISTORTION	< 5%
MAIN CIRCUIT BREAKER	CUSTOMER SUPPLIED
120/240 1-PH	90-100A
120/208 3-PH	80-100A
120/240 3-PH	70-80A
277/480 3-PH	35-45A
346/600 3-PH	25-30A
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	4LE2TAGV05
ENGINE STARTER	12V ELECTRIC
ENGINE SPEED	1800 RPM
ENGINE CYLINDERS	4
ENGINE HP	40
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	75.5 CFM
COOLANT CAPACITY	4 QT
RADIATOR COOLING AIR	4,420 CFM
STARTING AIDES	GLOW PLUGS
START TEMP NATURAL W/ AIDES	5° F
START TEMP W/ BLOCK HEATER ⁽⁴⁾	-13° 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⁾	22 HOURS

FUEL CONSUMPTION	GAL/HR
100%	2.10
75%	1.68
50%	1.26
25%	0.84

GENERATOR END

GENERATOR END BRAND	STAMFORD
GENERATOR END MODEL	S1L2-J1
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	89.2
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
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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

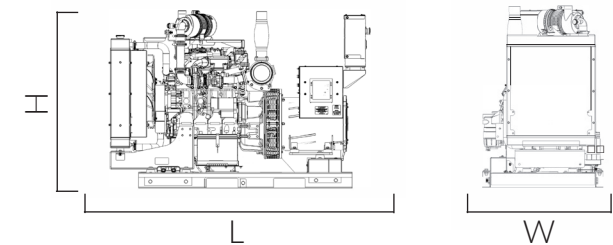
USB CONNECTABLE	YES
RS232/RS485	YES
NFPA ANNUNCIATOR	OPTIONAL
REMOTE DISPLAY PANEL	OPTIONAL
ETHERNET/MODEM	OPTIONAL

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)	1,542 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

