

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

Flexible System

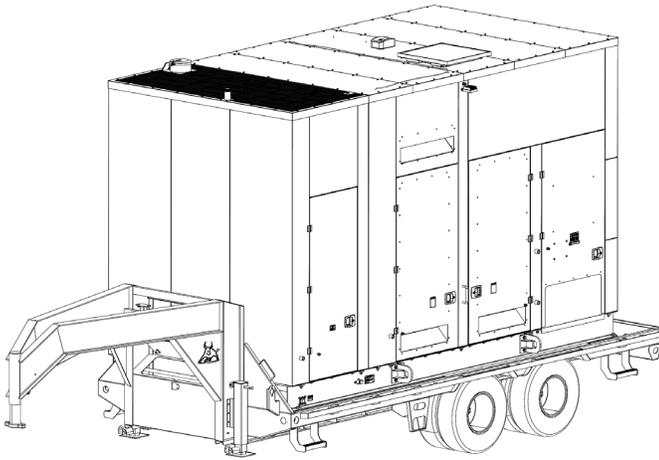
Available in configurations for stationary, mobile, standby, prime and well head applications.

Containment Skid

Ready to work with its rugged design.

Cam-Lock Receptacles

Quickly connect loads without hard wiring.



VOLTS	PF	PRIME						STANDBY					
		LP			NG			LP			NG		
		WATTS	KVA	AMPS	WATTS	KVA	AMPS	WATTS	KVA	AMPS	WATTS	KVA	AMPS
120/208 3-PH	0.8	250,000	312.5	868	390,000	462.5	1,354	300,000	375	1,041	400,000	500.0	1,388
120/240 3-PH	0.8	250,000	312.5	750	390,000	462.5	1,171	300,000	375	900	400,000	500.0	1,201
277/480 3-PH	0.8	250,000	312.5	375	390,000	462.5	586	300,000	375	451	440,000	550.0	661
346/600 3-PH	0.8	250,000	312.5	300	390,000	462.5	469	300,000	375	361	440,000	550.0	529

Derate 22% for 50Hz

MOTOR STARTING (CODE G)	260 HP
DBA @ 7 METERS FULL LOAD	76
TOTAL HARMONIC DISTORTION	< 5%
MAIN CIRCUIT BREAKER	600A, 600V (ADJUSTABLE/SHUNT)
BONDED NEUTRAL	YES
125/250 VOLT FLANGE INLET	(1) L14-20 20A
REQUIRED BATTERIES ⁽¹⁾	(2) GROUP 8D
BATTERY CHARGER	5 AMP 24V 10A SOLAR

FORKLIFT POCKETS	NO
ASSEMBLED IN	USA
EPA APPROVED	NO
CARB APPROVED	NO
TÜV CSA CERTIFICATION	NO
UNIT WARRANTY ⁽²⁾	1 YR/2000 HR

ENGINE

ENGINE BRAND	PSI
ENGINE MODEL	22L
ENGINE STARTER	24V ELECTRIC
ENGINE SPEED	1800 RPM
ENGINE CYLINDERS	12
ENGINE HP	
LP	472
NG	684
FREQUENCY	60 HZ
ALTERNATOR	45 AMPS
FLYWHEEL	14"
ROTATION	CCW
ASPIRATION/COOLING	TURBOCHARGED
COOLANT	51 GAL

BORE/STROKE	128mm x 142mm
DISPLACEMENT/TYPE	21.9 L
LOW OIL PROTECTION	STANDARD
RECOMMENDED OIL ⁽³⁾	15W-40 SAE LOW ASH
OIL CAPACITY	10.5 GAL
GOVERNOR	ELECTRONIC
COMPRESSION RATIO	10.5:1
FAN TYPE	PUSHER
COMBUSTION AIR	2,700 CFM
RADIATOR COOLING AIR	40,000 CFM
EXHAUST FLOW	4,258 LB/HR
EXHAUST OUTLET SIZE	8"
STARTING TEMP W/BLOCK HEATER	10°F

FUEL

INLET PRESSURE	4-6 OZ/7-11" WATER COLUMN
FUEL INLET SIZE	
LP LIQUID WITHDRAWAL INLET	1"
UTILITY NG/WELLHEAD INLET	2"

FUEL CONSUMPTION LP	
100%	45 GAL/HR - 4,154,000 BTU/HR
50%	25 GAL/HR - 2,287,000 BTU/HR
FUEL CONSUMPTION NG	
100%	5,033 FT ³ /HR - 5,033,000 BTU/HR
50%	3,330 FT ³ /HR - 3,300,000 BTU/HR

GENERATOR END

GENERATOR END BRAND	STAMFORD
GENERATOR END MODEL	S4L1D-G41
WINDING	
208/240/480V	311 - 12 LEAD
600V	17 - 12 LEAD
VOLTAGE REGULATION	AVR +/- 1%
AVR TYPE	MX341 PMG
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	93.6
INSULATION	CLASS H
INGRESS PROTECTION	IP23

DERATES

ABOVE SEA LEVEL	3% Per 1,000 > 1,200 FT
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AMBIENT TEMPERATURE >77°F	1% EVERY 10°F
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BLOCK HEATER

VOLTS	240
WATTS	3,000
AMPS	12.5 AMPS

THERMOSTAT	
ON	100° F
OFF	120° F



TRAILER (if equipped)

CAPACITY	23,900 LBS
AXLES	DUAL 10K
STANDARD HITCH SIZE	2 5/16 GOOSENECK

HITCH HEIGHT	ADJUSTABLE
TIRES	ST235/80 T16 LRE
TIRE PRESSURE	80 PSI

BASLER DGC 2020HD CONTROLLER

ENGINE DISPLAY/PROTECTION

ENGINE RPM	YES
LOW OIL PRESSURE	YES
HIGH COOLANT TEMP	YES
LOW COOLANT	PROTECTION ONLY
OVER/UNDER SPEED	PROTECTION ONLY
OVER CRANK	PROTECTION ONLY
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	PROTECTION ONLY
KW, KVA, KVARH DISPLAY	YES
KWH, KVAH, KVARH DISPLAY	YES
GENERATOR PHASE SEQUENCE	NO

ADDITIONAL DISPLAYS/PROTECTIONS

EXTERNAL E-STOP	YES
BATTERY VOLTAGE	YES
BATTERY OVER/UNDER VOLTAGE	YES

COMMUNICATIONS

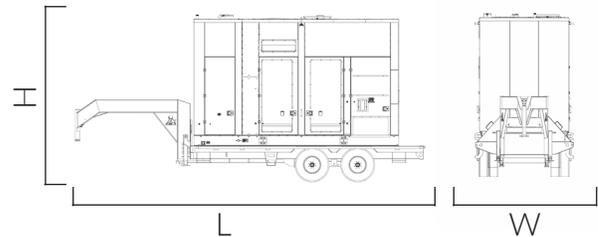
USB CONNECTABLE	YES
RS232/RS485	YES
NFPA ANNUNCIATOR	OPTIONAL
REMOTE DISPLAY PANEL	OPTIONAL
ETHERNET/MODEM	NO

ADDITIONAL FEATURES

AUDIBLE ALARM	OPTIONAL
ENGINE EXERCISER	YES
MAINTENANCE INTERVAL TIMER	YES
LOAD SHEDDING/DUMMY	OPTIONAL
CONFIGURABLE INPUTS	16
CONFIGURABLE OUTPUTS	12
EVENT LOG	900

SHIPPING

SHIPPING DIMENSIONS (L x W x H)	325" x 102" x 140"
SHIP WEIGHT	
HOUSED	15,500 LBS
TRAILERED	20,500 LBS
FREIGHT CLASS	
HOUSED	70
TRAILERED	85



OPTIONAL ACCESSORIES

CAMLOCKS	VARIES
BATTERIES	GROUP 8D
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.

Specifications are subject to change without notice.



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

