

Features

Isuzu engine

Premium-grade Isuzu engines are application-engineered to power equipment that works for a living.

Switchable voltage

4-position voltage selector switch, featuring safety shutdowns and safety lockout.

Shore Power Inlet

For easy connection to block heater and battery charger.

Cam-Lock Receptacle

Full power terminal block and cam-locks included

Powder coat paint

For an incredibly durable finish.

Dual circuit breakers

For high and low voltage over-current protection.

DSE 7310 digital controller

With automatic safety shutdowns and digital readouts.

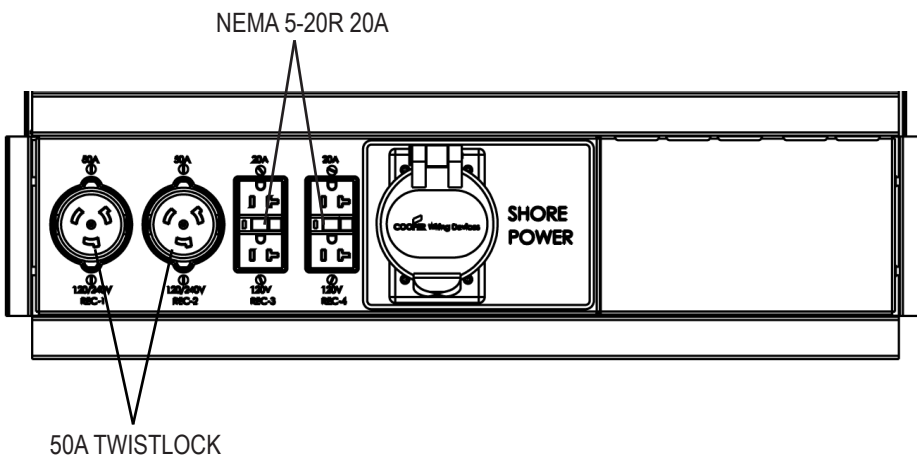
100% load tested

You won't find statistical sampling here. We load test every generator before it leaves our facility.

REDI POWER

19.7 kVa @ 1.0 PF

25 kVa @ 0.8 PF



Optional Accessories

2 5/16" Coupler

3" Pintle

50 amp (CS6369C) plug

Spare tire

Tool Box

Battery

GENERATOR

VOLTAGE	WATTS	KVA	AMPS	CB
120/240V 1-PH	19,700	19.7	70 ⁽¹⁾	70
120/208V 3-PH	20,000	25	69	70
120/240V 3-PH	20,000	25	60	70
277/480V 3-PH	20,000	25	30	30
NEUTRAL BONDED				YES
RATING				125°C/40°C
OUTPUT				SWITCHABLE VOLTAGE
VOLTAGE REGULATOR				AVR +/- 1%
120/240 VOLT RECEPTACLES				2 - NEMA 5-20 20A DUPLEX
240 VOLT RECEPTACLES				2 - 50A TWIST LOCK
BRUSHLESS				YES
TYPE				4 POLE REVOLVING FIELD
MOTOR STARTING (CODE G) ⁽¹⁾				7.5 HP
SPEED				1800 RPM
PITCH				2/3
LIFTING EYE				YES
INSULATION				CLASS H
CONNECTION				12 LEAD
WINDINGS				DOUBLE LAYER CONCENTRIC
HARMONIC DISTORTION				<5%
EFFICIENCY PEAK				92.5
COUPLING				DIRECT/FLEXIBLE DISC
BEARING				1 MAINTENANCE FREE
GENERATOR WARRANTY ⁽²⁾				1YR/1000 HRS

NOTES: (1) Maximum current available at terminal block and cam-lock. A maximum current of 82 amps is available when the receptacle package is used (2) For generator warranty information contact your local WINCO service center.

TRAILER

CAPACITY	3,500 LBS
AXLES	SINGLE
HITCH HEIGHT	ADJUSTABLE
STANDARD HITCH SIZE	2" BALL COUPLING
TIRES	P225/75R-15
TIRE PRESSURE	35 PSI

BATTERY

BATTERY ⁽¹⁾	BCI 24 650 CCA
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NOTES: (1) Battery not included

ENGINE

ENGINE BRAND	ISUZU
ENGINE MODEL	4LE1
ENGINE STARTER	12V ELECTRIC
ENGINE SPEED	1800 RPM
ENGINE CYLINDERS	4
ALTERNATOR	35A
FLYWHEEL	10 IN
ROTATION	CCW
HOUSING	SAE 4
ASPIRATION/COOLING	NATURAL/LIQUID
TOTAL COOLING CAPACITY	2.75 GAL
RADIATOR CAPACITY	2 GAL
BORE/STROKE	85 x 96 mm
DISPLACEMENT/TYPE	2.179L
LOW OIL PROTECTION	STANDARD
RECOMMENDED OIL	10W-30
OIL CAPACITY	8.6 QTS
OIL CONSUMPTION	<0.1% OF FUEL
dBA AT 7 METERS	65.5 @ FULL LOAD
HOUR METER	THROUGH CONTROLLER
INJECTION NOZZLES	THROTTLE TYPE
NOZZLE INJECTION PRESSURE	1920 PSI
INJECTION TIMING	16°
COMBUSTION TYPE	IN-DIRECT INJECTION
INJECTION PUMP	BOSCH, PFR TYPE
GOVERNOR	MECHANICAL
COMPRESSION RATIO	21.5 TO 1
EPA/CARB APPROVED	TIER IVi FLEX
CSA APPROVED	NO
UL LISTED	NO
ENGINE WARRANTY ⁽²⁾	1 YR

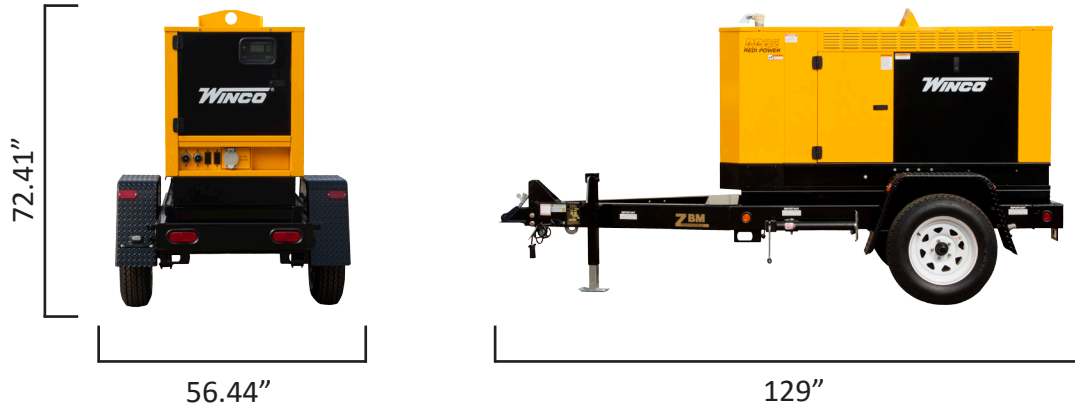
NOTES: (1) Code G capacitor start motor. (2) Contact your local Isuzu service center for engine warranty assistance.

FUEL

TYPE	DIESEL
FUEL	ASTM D975 NO 2-D
FUEL TANK	55 GAL
FUEL CONSUMPTION	
100% LOAD	1.8 GAL/HR
50% LOAD	0.9 GAL/HR

SHIPPING

DIMENSIONS (LxWxH)	129" x 56.44" x 72.41"
NET WEIGHT	2820 LBS
SHIP WEIGHT	2820 LBS
FREIGHT CLASS	70



DSE 7310 CONTROL FEATURES

ENGINE DISPLAY/PROTECTION	
ENGINE RPM	YES
LOW OIL PRESSURE	YES
HIGH COOLANT TEMPERATURE	YES
LOW COOLANT LEVEL	OPTIONAL
OVERSPEED	YES
UNDERSPEED	YES
OVERCRANK	YES
CHARGING ALTERNATOR FAILURE	YES
CAN ECU SHUTDOWN	YES
GENSET DISPLAY/PROTECTION	
VOLTAGE (L-N)	YES
VOLTAGE (L-L)	YES
OVERVOLTAGE	YES
UNDERVOLTAGE	YES
FREQUENCY	YES
OVER FREQUENCY	YES
UNDER FREQUENCY	YES
PHASE IMBALANCE	OPTIONAL
KW, KVA, KVARH DISPLAY	YES
KWH, KVAH, KVARH DISPLAY	YES
GENERATOR PHASE SEQUENCE	YES
EARTH CURRENT	OPTIONAL

ADDITIONAL DISPLAYS/PROTECTIONS	
EMERGENCY STOP	YES
BATTERY VOLTAGE	YES
BATTERY OVER/UNDER VOLTAGE	YES
BATTERY CHARGER FAILURE	OPTIONAL
COMMUNICATIONS	
USB CONNECTABLE	YES
RS232/RS485	YES
NFPA ANNUNCIATOR	10XDSE 2548
REMOTE DISPLAY PANEL	3XDSE 2510
ETHERNET/MODEM	OPTIONAL
ADDITIONAL FEATURES	
AUDIBLE ALARM	YES
ENGINE EXERCISER	YES
MAINTENANCE INTERVAL TIMER	OPTIONAL
LOAD SHEDDING/DUMMY	5 STEP
CONFIGURABLE INPUTS	9-24 W/DSE 2130
CONFIGURABLE OUTPUTS	6-80 W/DSE 2751
EVENT LOG	250



Specifications are subject to change without notice.

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