

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 MKII Controller

Digital controller providing immediate performance information and safety shutdowns.

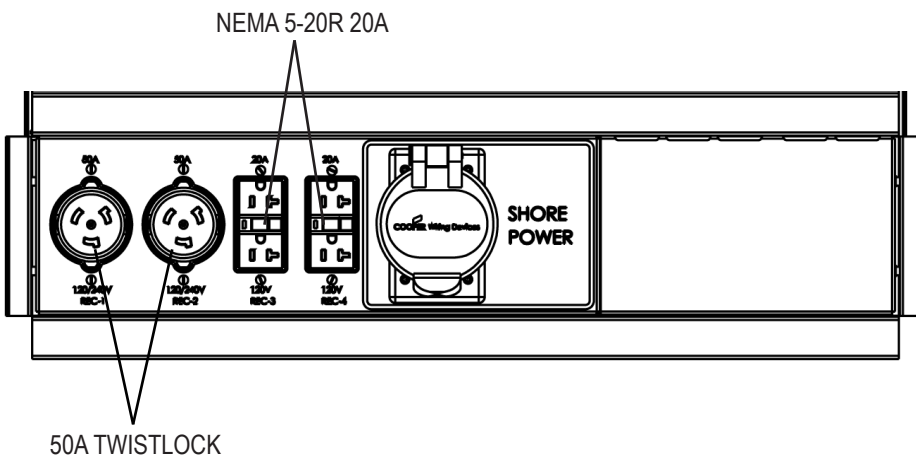
100% Load Tested

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 |
|------------------------|----------------|

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 |

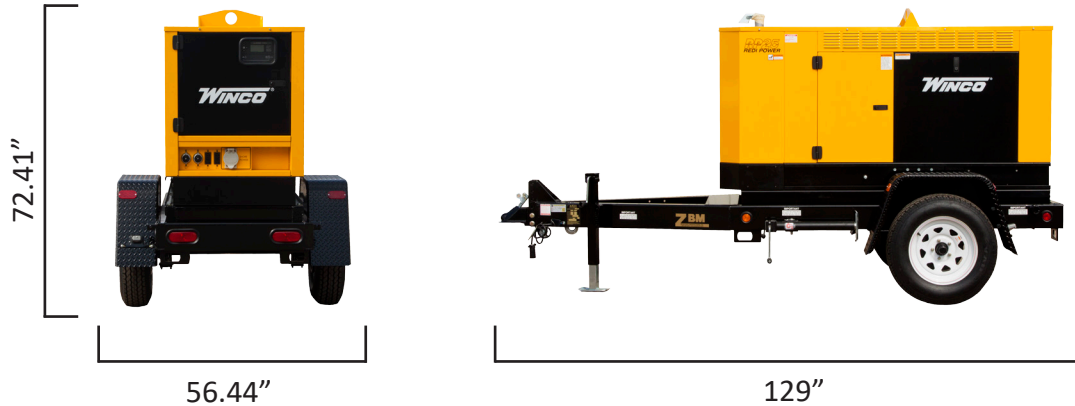
NOTES: (1) Code G capacitor start motor. (2) Contact your local Isuzu service center for engine warranty assistance.

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 MKII CONTROLLER

| ENGINE DISPLAY/PROTECTION | |
|---------------------------|----------|
| ENGINE RPM | YES |
| LOW OIL PRESSURE | YES |
| HIGH COOLANT TEMP | YES |
| LOW COOLANT | OPTIONAL |
| LOW OIL TEMP | OPTIONAL |
| OVER/UNDER SPEED | YES |
| OVER CRANK | YES |
| CHARGING ALT FAILURE | 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 |
| 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 OPTIONAL |
| REMOTE DISPLAY PANEL | 3XDSE 2510 OPTIONAL |
| ETHERNET/MODEM | OPTIONAL |
| ADDITIONAL FEATURES | |
| AUDIBLE ALARM | YES |
| ENGINE EXERCISER | YES |
| MAINTENANCE INTERVAL TIMER | OPTIONAL |
| LOAD SHEDDING/DUMMY | OPTIONAL |
| CONFIGURABLE INPUTS | 9-24 W/DSE 2130 OPTIONAL |
| CONFIGURABLE OUTPUTS | 6-80 W/DSE 2751 OPTIONAL |
| EVENT LOG | 250 |
| ALTERNATIVE CONFIGURATIONS | 3 |
| UL/CSA LISTED | YES |

WINGCO® Specifications are subject to change without notice.
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