



Shown equipped with optional
SMARTLOAD™
LOAD BANK SYSTEM

PERFORMANCE //

- 1 - DSE® Digital Control Panel
- 2 - Curbside Electrical Panel
- 3 - Large Electrical Lugs
- 4 - Emergency Stop Button
- 5 - Delta Demand Excitation™
- 6 - Quietech™ Sound Attenuation
- 7 - Lockable Voltage Selector

MAINTENANCE //

- 8 - Lift-off Door Hinges
- 9 - 110% Fluid Containment
- 10 - Ext. Fuel Tank Connections
- 11 - Fuel & Containment Drains
- 12 - Service Extensions
- 13 - Dedicated DEF Access Door

CONSTRUCTION //

- 14 - Powder-coated Steel Enclosure
- 15 - Stainless Steel Hardware
- 16 - Lockable Access Doors
- 17 - Automotive Door Seals
- 18 - 111 Gallon Fuel Tank
- 19 - Heavy-Duty Steel Trailer with Lockable Storage



Isuzu®4JJ1X
Tier 4 / CARB
Diesel Engine



1 | DSEgenset® Digital Control Panel
Model 7310 MKII



2 | Single-Phase Receptacles
120V - 20A x 2 | 240V - 50A x 3
Optional Single Row Cam-Loks™ Shown



7 | Lockable Voltage Selector Switch
3Φ 277/480V & 139/240V-120/208V
1Φ 120/240V



10 | External Fuel Tank Connections
with 3-Way Selection Valve

BEST-IN-CLASS dBA RATING // 24-HOUR RUNTIME // EXCELLENT MOTOR STARTING
THE INDUSTRY'S HIGHEST-QUALITY MOBILE GENERATORS

GENERATOR MODEL SDG65S-8E1



GENERATOR SPECIFICATIONS	SDG65S-8E1
ALTERNATOR TYPE	AIRMAN WYE Winding
STANDBY OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	69.3 kVA / 55.4 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	40.2 kVA / 40.2 kW
PRIME OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	63 kVA / 50.4 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	36.5 kVA / 36.5 kW
FREQUENCY	60 Hz
VOLTAGE (THREE-PHASE), SWITCHABLE	208/220/240/416/440/480
VOLTAGE (SINGLE-PHASE), SWITCHABLE	120/127/139/240/254/277
ARMATURE CONNECTION	Star with Neutral / Zig Zag
EXCITATION	Brushless with AVR
NUMBER OF POLES	4
POWER FACTOR (THREE-PHASE)	0.8
POWER FACTOR (SINGLE-PHASE)	1.0
INSULATION	Class F
VOLTAGE REGULATION	±0.5%
FREQUENCY REGULATION, STEADY STATE	±0.25% of Overall Mean Value
AMPERAGE	
SINGLE-PHASE (120V)	152A x 2
SINGLE-PHASE (240V)	152A
THREE-PHASE (208V)	167A
THREE-PHASE (240V)	152A
THREE-PHASE (480V)	76A
ENGINE MAKE & MODEL	ISUZU® 4JJ1X
ENGINE CONTROL PANEL	DSE® 7310 MKII
EPA TIER 4 / CARB EMISSION CERTIFIED 2021	CARB Exec. Order U-R-006-0497 EPA Cert. No. MSZXL03.DRXB-008
TYPE OF AFTERTREATMENT	DEF, DOC, SCR, ASC
ENGINE TYPE	Electronic Direct Injection 4-Cycle Liquid Cooled Diesel
ASPIRATION	Turbocharged + Turbo After Cooler

ENGINE MAKE & MODEL (Continued)	ISUZU® 4JJ1X
SAE GROSS HP / BHP@1800 RPM	95.2 BHP / 71 kW
HORSEPOWER RATING (@1800 RPM)	86.5 HP / 64.5 kW
NUMBER OF CYLINDERS	4
DISPLACEMENT	183 cu in
ENGINE SPEED	1800 RPM
GOVERNOR TYPE	Electronic
FUEL TYPE	Ultra-low sulfur diesel
DEF CAPACITY	7.4 gal
DEF CONSUMPTION (MAXIMUM)	2.22 gal Per Tank of Diesel
DEF RUNTIME @ FULL LOAD	95 hrs
FUEL TANK CAPACITY	111 gal
FUEL CONSUMPTION	
FULL LOAD	3.9 gal/hr
75% LOAD	3.1 gal/hr
50% LOAD	2.3 gal/hr
RUNTIME @ FULL LOAD	28.5 hrs
FUEL PUMP (w/INTEGRAL FILTER)	Self-priming Electric Fuel Pump
FUEL FILTER TYPE / QUANTITY	Pre-filter x 1 Secondary Filter x 1
LUBRICATING OIL CAPACITY	4.1 gal
BATTERY	
SYSTEM VOLTAGE	12V
BATTERY CHARGER ALTERNATOR	110 A
QUANTITY	1
COLD CRANKING AMPS	565 CCA
AMP HOURS	80 Ah
COOLING SYSTEM	
COOLING SYSTEM TYPE	Liquid/Air Fin and Tube Radiator, 50/50 Mix
COOLANT CAPACITY	3.4 gal
WATER PUMP TYPE	Impeller
FAN TYPE	Belt-driven Pusher
NOISE LEVEL @ 23 FEET (NO/FULL LOAD)	59 dBA / 65 dBA

ENCLOSURE	
PAINT TYPE	Positively Charged Ion (E-coat) Electrodeposition Coating, Baking Finish Coating for Weatherproof, and Anti-corrosion and Salt Pollution
ENCLOSURE METAL / CONSTRUCTION	Steel
GAUGE STEEL	16 Gauge
DOOR HINGES	Stainless Steel
SERVICE ACCESS POINTS HARDWARE	Stainless Steel
SPILL CONTAINMENT	110%
WEIGHTS & DIMENSIONS	
LENGTH x WIDTH x HEIGHT	97" x 39" x 67"
DRY WEIGHT	3,307 lbs
OPERATING WEIGHT	4,189 lbs
TRAILER WEIGHT	1,225 lbs
OPERATING WEIGHT w/TRAILER (GVWR)	5,414 lbs
TRAILER WEIGHTS & DIMENSIONS	
LENGTH	160"
WIDTH	74"
HEIGHT W/GENERATOR INSTALLED	84.25"
WEIGHT	1,225 lbs
WHEEL SIZE-TIRE RATING	ST205/75R15 Load Limit C-1820 lbs @ 50 psi
NUMBER OF AXLES / RATING	2 Axles / 3,700 lbs each
BRAKING TYPE	Surge or Electric
LIGHTING TYPE	LED
CERTIFICATIONS USA/DOT COMPLIANT	FMVSS
ADJUSTABLE HITCH HEIGHT	Yes
COMPLIANCE & CERTIFICATIONS	
FLUID CONTAINMENT	110%
USA DOT COMPLIANT	Yes
CSA LISTED	Yes
TRANSPORT CANADA COMPLIANT	Yes
DIESEL ENGINE EPA TIER LEVEL	Tier 4 Final

All specifications are subject to change without prior notice. Visit anacorp.com for the most current information.

SMARTLOAD™

LOAD BANK SYSTEM

- U.S. PATENT PENDING -



SmartLoad™ System



Engine Block Heater

ACCESSORIES & OPTIONS

- ◀ SmartLoad™ System
- ◀ Engine Block Heater
- Single Row Cam-Loks™ (See Front)
- 4-Position Selector Switch
- Lockable Battery Disconnect
- Fuel Filter Heater
- Engine Coolant Heater
- Battery Charger
- Battery Blanket
- 600V
- CSA Certification
- 5-Yr./10,000-Hr. Ext. Warranty



SOLD AND SERVICED BY

ANA
Nevada
1740 Raiders Way
Henderson, NV 89052

ANA
S. California
11100 Hope Street
Cypress, CA 90630

ANA
N. California
1315 Vinci Avenue
Sacramento, CA 95838

ANA
South Carolina
1335 Hayne Street
Spartanburg, SC 29301

ANA
Texas
10440 Brockwood Road
Dallas, TX 75338



ANA, Inc.

Executive Office

1770 Raiders Way, Henderson, NV 89052

ANACORP.COM

(562) 450-3570 // sales@anacorp.com



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