

125 kVA PRIME POWER



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 - Built-in Service Ladder
- 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 - 168 Gallon Fuel Tank
- 19 - Heavy-Duty Steel Trailer



Isuzu® 4HK1X
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 Dual 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 SDG125S-8E1



GENERATOR SPECIFICATIONS	SDG125S-8E1
ALTERNATOR TYPE	AIRMAN WYE Winding
STANDBY OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	137.5 kVA / 110 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	79.2 kVA / 79.2 kW
PRIME OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	125 kVA / 100 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	72 kVA / 72 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) - ZIG ZAG	300 A x 2
SINGLE-PHASE (240V) - ZIG ZAG	300 A
THREE-PHASE (208V)	328 A
THREE-PHASE (240V)	300 A
THREE-PHASE (480V)	150 A
ENGINE MAKE & MODEL	ISUZU® BR-4HK1X
ENGINE CONTROL PANEL	DSE® 7310 MKII
EPA TIER 4 / CARB EMISSION CERTIFIED	Tier 4 Final, Model Year 2023 EPA & CARB Certification
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® BR-4HK1X
SAE GROSS HP / BHP@1800 RPM	170.8 BHP / 127.4 kW
HORSEPOWER RATING (@1800 RPM)	147.9 HP / 110.3 kW
NUMBER OF CYLINDERS	4
DISPLACEMENT	317 cu in
ENGINE SPEED	1800 RPM
GOVERNOR TYPE	Electronic
FUEL TYPE	Ultra-low sulfur diesel
DEF CAPACITY	7.4 gal
DEF CONSUMPTION (MAXIMUM)	3.36 gal Per Tank of Diesel
DEF RUNTIME @ FULL LOAD	51.3 hrs
FUEL TANK CAPACITY	168 gal
FUEL CONSUMPTION	
FULL LOAD	7.2 gal/hr
75% LOAD	5.4 gal/hr
50% LOAD	3.9 gal/hr
RUNTIME @ FULL LOAD	23.33 hrs
FUEL PUMP (w/INTEGRAL FILTER)	Self-priming Electric Fuel Pump
FUEL FILTER TYPE / QUANTITY	Pre-filter x 1 Fuel Filter x 1
LUBRICATING OIL CAPACITY	6.1 gal
BATTERY	
SYSTEM VOLTAGE	12 V
BATTERY CHARGER ALTERNATOR	110 A
QUANTITY	1
COLD CRANKING AMPS	925 CCA
AMP HOURS	150 Ah
COOLING SYSTEM	
COOLING SYSTEM TYPE	Liquid/Air Fin and Tube Radiator, 50/50 Mix
COOLANT CAPACITY	2.5 gal
WATER PUMP TYPE	Impeller
FAN TYPE	Belt-driven Pusher
NOISE LEVEL @ 23 FEET (NO/FULL LOAD)	63 dBA / 64 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	113.4" x 51.2" x 72.8"
DRY WEIGHT	5,379 lbs
OPERATING WEIGHT	6,702 lbs
TRAILER WEIGHT	1,650 lbs
OPERATING WEIGHT w/TRAILER (GVWR)	8,352 lbs
TRAILER WEIGHTS & DIMENSIONS	
LENGTH	194"
WIDTH	83.75"
HEIGHT W/GENERATOR INSTALLED	89"
WEIGHT	1,650 lbs
WHEEL SIZE-TIRE RATING	ST225/75R15 Load Limit C-2150 lbs @ 80 psi
NUMBER OF AXLES / RATING	2 Axles / 6,000 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



Parallelling Control Panel

ACCESSORIES & OPTIONS

- ◀ SmartLoad™ System
- ◀ Parallelling Feature
- Dual Row Cam-Loks™ (See Front)
- 4-Position Selector Switch
- Lockable Battery Disconnect
- Fuel Filter Heater
- Engine Coolant Heater
- Engine Block 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



We make your world easier.