



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 - Ext. Fuel Tank Connections
- 10 - 110% Fluid Containment
- 11 - Service Extensions
- 12 - Fuel & Containment Drains
- 13 - Removable Trailer Fenders

CONSTRUCTION //

- 14 - Powder-coated Steel Enclosure
- 15 - Stainless Steel Hardware
- 16 - Lockable Access Doors
- 17 - Automotive Door Seals
- 18 - 80.5 Gallon Fuel Tank with Lockable Storage
- 19 - Heavy-Duty Steel Trailer with Lockable Storage



Isuzu®4LE2X
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



9 | 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 SDG45S-8E2

RUN WITH AIRMAN®

GENERATOR SPECIFICATIONS	SDG45S-8E2
ALTERNATOR TYPE	AIRMAN WYE Winding
STANDBY OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	48.5 kVA / 38.8 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	28 kVA / 28 kW
PRIME OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	45 kVA / 36 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	26 kVA / 26 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	108A x 2
SINGLE-PHASE (240V) - ZIG ZAG	108A
THREE-PHASE (208V)	119A
THREE-PHASE (240V)	108A
THREE-PHASE (480V)	54A
ENGINE MAKE & MODEL	ISUZU® 4LE2X
ENGINE CONTROL PANEL	DSE® 7310 MKII
EPA TIER 4 / CARB EMISSION CERTIFIED 2021	CARB Exec. Order U-R-006-0491 EPA Cert. No. MSZXL02.2PXB-004
TYPE OF AFTERTREATMENT	Diesel Oxidation Catalyst (DOC)
ENGINE TYPE	Electronic Direct Injection 4-Cycle Liquid Cooled Diesel
ASPIRATION	Turbocharged + Turbo After Cooler

ENGINE MAKE & MODEL (Continued)	ISUZU® 4LE2X
SAE GROSS HP / BHP@1800 RPM	65.7 BHP / 49 kW
HORSEPOWER RATING (@1800 RPM)	57.7 HP / 43 kW
NUMBER OF CYLINDERS	4
DISPLACEMENT	133 cu in
ENGINE SPEED	1800 RPM
GOVERNOR TYPE	Electronic
FUEL TYPE	Ultra-low sulfur diesel
DEF CAPACITY	N/A
DEF CONSUMPTION (MAXIMUM)	N/A
DEF RUNTIME @ FULL LOAD	N/A
FUEL TANK CAPACITY	80.5 gal
FUEL CONSUMPTION	
FULL LOAD	2.8 gal/hr
75% LOAD	2.1 gal/hr
50% LOAD	1.5 gal/hr
RUNTIME @ FULL LOAD	28.75 hrs
FUEL PUMP (w/INTEGRAL FILTER)	Self-priming Electric Fuel Pump
FUEL FILTER TYPE / QUANTITY	Combination, Water Separator Fuel Filter x 1
LUBRICATING OIL CAPACITY	3.1 gal
BATTERY	
SYSTEM VOLTAGE	12V
BATTERY CHARGER ALTERNATOR	35 A
QUANTITY	1
COLD CRANKING AMPS	490 CCA
AMP HOURS	70 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)	57 dBA / 61 dBA

ENCLOSURE	
	Positively Charged Ion (E-coat) Electrodeposition Coating, Baking Finish Coating for Weatherproof, and Anti-corrosion and Salt Pollution
PAINT TYPE	
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	74.8" x 38.2" x 61.4"
DRY WEIGHT	2,954 lbs
OPERATING WEIGHT	3,337 lbs
TRAILER WEIGHT	1,182 lbs
OPERATING WEIGHT w/ TRAILER (GVWR)	4,519 lbs
TRAILER WEIGHTS & DIMENSIONS	
LENGTH	144"
WIDTH	70"
HEIGHT W/GENERATOR INSTALLED	73"
WEIGHT	1,182 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



Lock. Battery Disconnect

ACCESSORIES & OPTIONS

- ◀ SmartLoad™ System
- ◀ Lockable Battery Disconnect
- Single Row Cam-Loks™ (See Front)
- 4-Position Selector Switch
- Engine Block Heater
- Fuel Filter Heater
- Engine Coolant Heater
- Battery Charger
- Battery Blanket
- 600V
- 🇨🇦 CSA Certification
- 5-Yr./7,000-Hr. Ext. Warranty



SOLD AND SERVICED BY

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



Alliance North America, Inc.
Corporate Headquarters
11100 Hope Street, Cypress, CA 90630

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



We make your world easier.