

# AIRMAN®

MOBILE GENERATORS



## SDG25

**25  
kVA**

**PRIME  
POWER**



Optional SmartLoad™ System  
Inside Air Discharge Chamber

**SMARTLOAD™**  
LOAD BANK SYSTEM



**1** | DSEGenSet® Digital Control Panel  
Model 7310 MKII



**2** | Single-Phase Receptacles  
120V - 20A x 2 · 240V - 50A x 2  
Optional Cam-Loks™ Available (See Back)



**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

### 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** - 51.5 Gallon Fuel Tank
- 19** - Heavy-Duty Steel Trailer with Lockable Storage



**Isuzu®4LE2T**  
Tier 4 / CARB  
Diesel Engine



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



# GENERATOR MODEL SDG25S-8E1



GENERATOR SPECIFICATIONS	
ALTERNATOR TYPE	<b>SDG25S-8E1</b> <b>AIRMAN</b> WYE Winding
STANDBY OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	27.5 kVA / 22 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	15.8 kVA / 15.8 kW
PRIME OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	25 kVA / 20 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	14.4 kVA / 14.4 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	60A x 2
SINGLE-PHASE (240V) - ZIG ZAG	60A
THREE-PHASE (208V)	65A
THREE-PHASE (240V)	60A
THREE-PHASE (480V)	30A
ENGINE MAKE & MODEL	
ENGINE CONTROL PANEL	<b>ISUZU® 4LE2T</b> DSE® 7310 MKII
EPA TIER 4 / CARB EMISSION CERTIFIED	Tier 4 Final, Model Year 2023 EPA & CARB Certification
TYPE OF AFTERTREATMENT	Diesel Oxidation Catalyst (DOC)
ENGINE TYPE	Direct Injection 4-Cycle Liquid Cooled Diesel
ASPIRATION	Turbocharged

ENGINE MAKE & MODEL (Continued)	
SAE GROSS HP / BHP@1800 RPM	40.2 BHP / 30 kW
HORSEPOWER RATING (@1800 RPM)	33.3 HP / 24.8 kW
NUMBER OF CYLINDERS	4
DISPLACEMENT	133 cu in
ENGINE SPEED	1800 RPM
GOVERNOR TYPE	Electronic
FUEL TYPE	Ultra-low sulfur diesel (ULSD)
DEF CAPACITY	N/A
DEF CONSUMPTION (MAXIMUM)	N/A
DEF RUNTIME @ FULL LOAD	N/A
FUEL TANK CAPACITY	51.5 gal
FUEL CONSUMPTION	
FULL LOAD	1.6 gal/hr
75% LOAD	1.3 gal/hr
50% LOAD	1.0 gal/hr
RUNTIME @ FULL LOAD	32 hrs
FUEL PUMP	Self-priming Electric Fuel Pump
FUEL FILTER TYPE / QUANTITY	Combination Fuel Filter/Sediment x 1
LUBRICATING OIL CAPACITY	2.75 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	2.75 gal
WATER PUMP TYPE	Impeller
FAN TYPE	Belt-driven Pusher
NOISE LEVEL @ 23 FEET (NO/FULL LOAD)	61 dBA / 63 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	67" x 31" x 55"
DRY WEIGHT	1,808 lbs
OPERATING WEIGHT	2,205 lbs
TRAILER WEIGHT	644 lbs
OPERATING WEIGHT w/TRAILER (GVWR)	2,849 lbs
TRAILER WEIGHTS & DIMENSIONS	
LENGTH	119"
WIDTH	54"
HEIGHT W/GENERATOR INSTALLED	62"
WEIGHT	644 lbs
WHEEL SIZE-TIRE RATING	ST205/75R15 Load Limit C-1820 lbs @ 50 psi
NUMBER OF AXLES / RATING	1 Axle / 3,700 lbs each
BRAKING TYPE	None
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](http://anacorp.com) for the most current information.

## SMARTLOAD™ LOAD BANK SYSTEM — U.S. PATENT PENDING —



Single Row Cam-Loks™



Fuel Filter Heater

### ACCESSORIES & OPTIONS

- SmartLoad™ System
- Single Row Cam-Loks™
- Fuel Filter Heater
- Battery Blanket
- 4-Position Selector Switch
- Lockable Battery Disconnect
- Engine Coolant Heater
- Engine Block Heater
- Battery Charger
- 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, Inc.**  
Executive Office  
1770 Raiders Way, Henderson, NV 89052

**ANACORP.COM**  
(562) 450-3570 // [sales@anacorp.com](mailto:sales@anacorp.com)



© 2023 Alliance North America, Inc. All rights reserved.

Airman® is a registered trademark of Hokuetsu Industries Co. Ltd. ANA®, the ANA logo and SmartLoad® are registered trademarks of Alliance North America, Inc. The SmartLoad logo is a trademark of Alliance North America, Inc. All other trademarks are property of their respective owners. Form AMG25SREV0923