AIRMAN
MOBILE GENERATORS

ANA

SDG25

25 kVA PRIME POWER

Optional SmartLoad™ System Inside Air Discharge Chamber

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 //

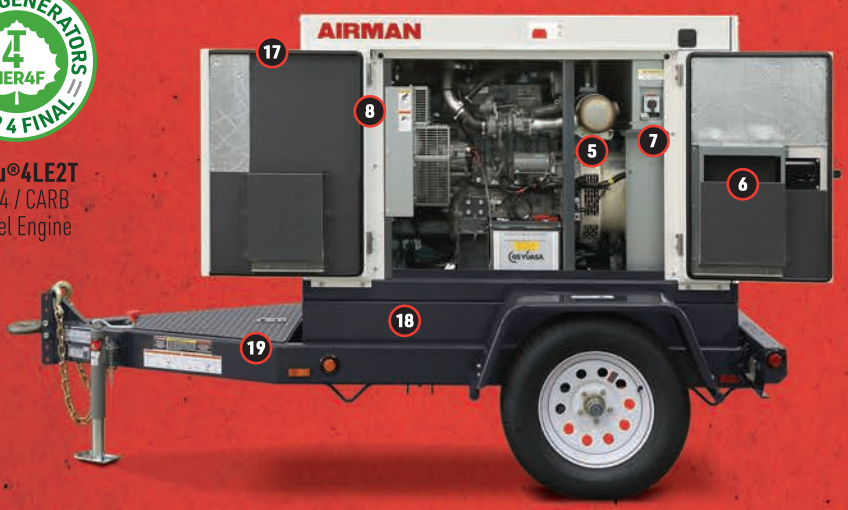
8 - Lift-off Door Hinges
9 - Ext. Fuel Tank Connections
10 - 110% Fluid Containment
11 - Service Extensions
12 - Fuel & Containment Drains
13 - Removable Trailer Fenders

CONSTRUCTION //

14 - Powder-coated Steel Enclosure
15 - Stainless Steel Hardware
16 - Lockable Access Doors
17 - Automotive Door Seals
18 - 51.5 Gallon Fuel Tank
19 - Heavy-Duty Steel Trailer with Lockable Storage

AIRMAN® GENERATORS 4 TIER4F TIER 4 FINAL

Isuzu®4LE2T
Tier 4 / CARB
Diesel Engine



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

BEST-IN-CLASS dBA RATING // 24-HOUR RUNTIME // EXCELLENT MOTOR STARTING

THE INDUSTRY'S HIGHEST-QUALITY MOBILE GENERATORS

GENERATOR MODEL
SDG25S-8E1

RUN WITH AIRMAN®

GENERATOR SPECIFICATIONS	SDG25S-8E1
ALTERNATOR TYPE	AIRMAN 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	**ISUZU® 4LE2T**
ENGINE CONTROL PANEL	DSE® 7310 MKII
EPA TIER 4 / CARB EMISSION CERTIFIED 2021	CARB Exec. Order U-R-006-0494 EPA Cert. No. MSZXL02.2ZTB-002
TYPE OF AFTERTREATMENT	Diesel Oxidation Catalyst (DOC)
ENGINE TYPE	Direct Injection 4-Cycle Liquid Cooled Diesel
ASPIRATION	Turbocharged

ENGINE MAKE & MODEL (Continued)	ISUZU® 4LE2T
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 sulfer 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/Sedimenter 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** 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./7,000-Hr. Ext. Warranty

SOLD AND SERVICED BY

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