

13
kVA **PRIME**
POWER

SIMULTANEOUS
1-PHASE & 3-PHASE
POWER AVAILABLE!
== 1800 RPM ==



PERFORMANCE //

- 1 - Analog Control Panel
- 2 - Curbside Electrical Panel
- 3 - Large Electrical Lugs
- 4 - Emergency Stop Button
- 5 - Delta Demand Excitation™
- 6 - QuieTech™ Sound Attenuation

MAINTENANCE //

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

CONSTRUCTION //

- 13 - Powder-coated Steel Enclosure
- 14 - Stainless Steel Hardware
- 15 - Lockable Access Doors
- 16 - Automotive Door Seals
- 17 - 26.4 Gallon Fuel Tank
- 18 - Heavy-Duty Steel Trailer



Kubota®D1503
Tier 4 / CARB
Diesel Engine



1 | Analog Control Panel with One-Phase & Three-Phase Breakers



1 | Voltage Adjuster and Current Selector Controls



2 | One-Phase & Three-Phase Output Lugs and Single-Phase Receptacles 120V - 20A x 2 | 240V - 30A x 1



8 | 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 SDG13LAX-8E1

RUN WITH AIRMAN®

GENERATOR SPECIFICATIONS	SDG13LAX-8E1
ALTERNATOR TYPE	AIRMAN WYE Winding
STANDBY OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	13.8 kVA / 11 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	10.5 kVA / 10.5 kW
PRIME OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	12.5 kVA / 10 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	9.6 kVA / 9.6 kW
FREQUENCY	60 Hz
VOLTAGE (THREE-PHASE), SIMULTANEOUS	208-240
VOLTAGE (SINGLE-PHASE), SIMULTANEOUS	120-240
ARMATURE CONNECTION	Star with Neutral
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)	50A* x 1 Twist Lock or 20A x 2 GFI
SINGLE-PHASE (240V)	40A
THREE-PHASE (208V)	30A
THREE-PHASE (240V)	30A
THREE-PHASE (480V)	N/A
ENGINE MAKE & MODEL	KUBOTA® D1503
ENGINE CONTROL PANEL	Analog
EPA TIER 4 / CARB EMISSION CERTIFIED 2021	CARB Exec. Order U-R-025-0935 EPA Cert. No. MKBXL01.SFCC-056
TYPE OF AFTERTREATMENT	None
ENGINE TYPE	Vertical, Liquid Cooled 4-Cycle Diesel Engine
ASPIRATION	Naturally Aspirated

ENGINE MAKE & MODEL (Continued)	KUBOTA® D1503
SAE GROSS HP / BHP@1800 RPM	24.4 BHP / 18.2 kW
HORSEPOWER RATING (@1800 RPM)	18.4 HP / 13.7 kW
NUMBER OF CYLINDERS	3
DISPLACEMENT	91.5 cu in
ENGINE SPEED	1800 RPM
GOVERNOR TYPE	Electronic
FUEL TYPE	Ultra-low sulfur diesel
DEF CAPACITY	Not Required
DEF CONSUMPTION (MAXIMUM)	Not Required
DEF RUNTIME @ FULL LOAD	Not Required
FUEL TANK CAPACITY	26.4 gal
FUEL CONSUMPTION	
FULL LOAD	0.95 gal/hr
75% LOAD	0.77 gal/hr
50% LOAD	0.65 gal/hr
RUNTIME @ FULL LOAD	27.7 hrs
FUEL PUMP	Self-priming Electric Fuel Pump
FUEL FILTER TYPE / QUANTITY	Paper Element/Sedimentor x 1
LUBRICATING OIL CAPACITY	1.72 gal
BATTERY	
SYSTEM VOLTAGE	12V
BATTERY CHARGER ALTERNATOR	30 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	1.72 gal
WATER PUMP TYPE	Impeller, Belt-driven
FAN TYPE	6-Blade, Belt-driven
NOISE LEVEL @ 23 FEET (NO/FULL LOAD)	58 dBA / 61 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	55" x 26" x 46"
DRY WEIGHT	1,290 lbs
OPERATING WEIGHT	1,500 lbs
TRAILER WEIGHT	494 lbs
OPERATING WEIGHT w/ TRAILER (GVWR)	1,994 lbs
TRAILER WEIGHTS & DIMENSIONS	
LENGTH	120"
WIDTH	60"
HEIGHT W/GENERATOR INSTALLED	60"
WEIGHT	494 lbs
WHEEL SIZE-TIRE RATING	ST175/80R13 Load Limit C-1360 lbs @ 50 psi
NUMBER OF AXLES / RATING	Single Axle / 3,700 lbs
BRAKING TYPE	Not Required
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

*40A Rated.

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



Auto Start Feature

ACCESSORIES & OPTIONS

- ◀ Auto Start Feature
- Lockable Battery Disconnect
- Fuel Filter Heater
- Engine Coolant Heater
- Battery Charger
- Battery Blanket
- 🇨🇦 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



© 2022 Alliance North America, Inc. All rights reserved.

Airman® is a registered trademark of Hokuetsu Industries Co. Ltd., SmartLoad™ is a trademark of Alliance North America, Inc.
All other trademarks are property of their respective owners. Form AMG13LAXREV0122