

**36
kVA** PRIME
POWER



**UNDER
50HP!**

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 - 84.5 Gallon Fuel Tank
- 19 - Heavy-Duty Steel Trailer with Lockable Storage



Kubota®V2403
Tier 4 / CARB
Diesel Engine
Under 50 HP!



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 SDG40S-8E1



GENERATOR SPECIFICATIONS	SDG40S-8E1
ALTERNATOR TYPE	AIRMAN WYE Winding
STANDBY OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	37.8 kVA / 30.2 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	28.6 kVA / 28.6 kW
PRIME OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	36 kVA / 28.6 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)	95A
THREE-PHASE (240V)	86A
THREE-PHASE (480V)	43A
ENGINE MAKE & MODEL	KUBOTA® V2403
ENGINE CONTROL PANEL	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 + Turbo After Cooler

ENGINE MAKE & MODEL (Continued)	KUBOTA® V2403
SAE GROSS HP / BHP@1800 RPM	48.3 BHP / 36 kW
HORSEPOWER RATING (@1800 RPM)	44.9 HP / 33 kW
NUMBER OF CYLINDERS	4
DISPLACEMENT	148.5 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	84.5 gal
FUEL CONSUMPTION	
FULL LOAD	2.3 gal/hr
75% LOAD	1.7 gal/hr
50% LOAD	1.2 gal/hr
RUNTIME @ FULL LOAD	37 hrs
FUEL PUMP	Self-priming Electric Fuel Pump
FUEL FILTER TYPE / QUANTITY	Pre-filter/Separator x 1 Fuel Filter x 1
LUBRICATING OIL CAPACITY	2.6 gal
BATTERY	
SYSTEM VOLTAGE	12V
BATTERY CHARGER ALTERNATOR	30 A
QUANTITY	1
COLD CRANKING AMPS	525 CCA
AMP HOURS	75 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	
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	74.8" x 38.2" x 61.4"
DRY WEIGHT	2,426 lbs
OPERATING WEIGHT	3,065 lbs
TRAILER WEIGHT	1,182 lbs
OPERATING WEIGHT w/ TRAILER (GVWR)	4,247 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./10,000-Hr. Ext. Warranty



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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



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