AIRMAN.

MOBILE GENERATORS



SDG150



PRIME POWER



1 | DSEGenset® Digital Control Panel Model 7310 MKII



2 | Single-Phase Receptacles 120V - 20A x 2 | 240V - 50A x 3 Optional Dual Row Cam-Loks™ Shown



7 | Lockable Voltage Selector Switch 3Φ 277/480V & 139/240V-120/208V 1Φ 120/240V



10 | External Fuel Tank Connections with 3-Way Selection Valve

SDG150
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Shown equipped with optional SMARTLOAD

LOAD BANK SYSTEM

PERFORMANCE //

- 1 DSE® Digital Control Panel
- 2 Curbside Electrical Panel
- 3 Large Electrical Lugs
- 4 Emergency Shut-off Button
- 5 Delta Demand Excitation™
- 6 QuieTech™ Sound Attenuation
- 7 Lockable Voltage Selector

MAINTENANCE //

- 8 Lift-off Door Hinges
- 9 110% Fluid Containment
- 10 Ext. Fuel Tank Connections
- 10 Ext. Fuet Tank Connections
- 11 Built-in Service Ladder
- 12 Service Extensions
- 13 Front DEF Access Door

CONSTRUCTION //

- 14 Powder-coated Steel Enclosure
- 15 Stainless Steel Hardware
- 16 Lockable Access Doors
- 17 Automotive Door Seals
- 18 204 Gallon Fuel Tank
- 19 Heavy-Duty Steel Trailer



SDG150S-8E1

RUN WITH AIRMAN.

GENERATOR SPECIFICATIONS	SDG150S-8E1
ALTERNATOR TYPE	TAIYO WYE Winding
STANDBY OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	165 kVA / 132 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	95.7 kVA / 95.7 kW
PRIME OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	150 kVA / 120 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	87 kVA / 87 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	363A x 2
SINGLE-PHASE (240V) - ZIG ZAG	363A
THREE-PHASE (208V)	394A
THREE-PHASE (240V)	361A
THREE-PHASE (480V)	180A
ENGINE MAKE & MODEL	JOHN DEERE® 6068
ENGINE CONTROL PANEL	DSE® 7310 MK II
EPA TIER 4 / CARB Emission certified 2021	CARB Exec. Order U-R-004-0604 EPA Cert. No. MJDXL06.8312-014
TYPE OF AFTERTREATMENT	DEF, DOC, SCR, ASC
ENGINE TYPE	Electronic Direct Injection 4-Cycle Liquid Cooled Diesel
ASPIRATION	Turbocharged + Turbo After Cooler

ENGINE MAKE & MODEL (Continued)	JOHN DEERE® 6068
SAE GROSS HP / BHP@1800 RPM	257 BHP / 192 kW
HORSEPOWER RATING (@1800 RPM)	235 HP / 175 kW
NUMBER OF CYLINDERS	6
DISPLACEMENT	415 cu in
ENGINE SPEED	1800 RPM
GOVERNOR TYPE	Electronic
FUEL TYPE	Ultra-low sulfer diesel
DEF CAPACITY	11.7 gal
DEF CONSUMPTION (MAXIMUM)	4.1 gal Per Tank of Diesel
DEF RUNTIME @ FULL LOAD	67 hrs
FUEL TANK CAPACITY	204 gal
FUEL CONSUMPTION	
FULL LOAD	8.5 gal/hr
75% LOAD	6.9 gal/hr
50% LOAD	5.1 gal/hr
RUNTIME @ FULL LOAD	24 hrs
FUEL PUMP (w/SERVICEABLE STRAINER)	Self-priming Electric Fuel Pump
	Pre-filter/Sedimenter x 1
FUEL FILTER TYPE / QUANTITY	Fuel Filter x 1
LUBRICATING OIL CAPACITY	8.7 gal
BATTERY	
SYSTEM VOLTAGE	12V
BATTERY CHARGER ALTERNATOR	90 A
QUANTITY	1
COLD CRANKING AMPS	925 CCA
AMP HOURS	150 Ah
COOLING SYSTEM	
COOLING SYSTEM TYPE	Liquid/Air Fin and Tube Radiator 50/50 Mix
COOLANT CAPACITY	7.1 gal
WATER PUMP TYPE	Impeller
FAN TYPE	Blower Fan, Viscous Clutch
NOISE LEVEL @ 23 FEET (NO/FULL LOAD)	61 dBA / 66 dBA
NOISE LEVEL (W 23 FEET (NU/FULL LUAD)	01 UDA / 00 UDA

PAINT TYPE PAINT TYPE ENCLOSURE METAL / CONSTRUCTION GAUGE STEEL DOOR HINGES SERVICE ACCESS POINTS HARDWARE SPILL CONTAINMENT WEIGHTS & DIMENSIONS LENGTH X WIDTH X HEIGHT DPERATING WEIGHT TRAILER WEIGHT TRAILER WEIGHT WIDTH X HEIGHT TRAILER WEIGHT WIDTH X HEIGHT TRAILER WEIGHT TRAILER WEIGHT WIDTH WEIGHT & DIMENSIONS LENGTH X WIDTH X HEIGHT TRAILER WEIGHT TRAILER WEIGHT TRAILER WEIGHT TRAILER WEIGHT TRAILER WEIGHT TRAILER WEIGHT WIDTH HEIGHT W/GENERATOR INSTALLED WEIGHT WIDTH TRAILER WEIGHT WHOTH WIDTH TOP" HEIGHT W/GENERATOR INSTALLED WEIGHT WHEIGHT W/GENERATOR WISTALLED WEIGHT WHOTH TOP" WHOTH TOP" WHOTH TOP" WHOTH TOP" WHOTH TOP" WHOTH TOPS WHEEL SIZE-TIRE RATING NUMBER OF AXLES / RATING BRAKING TYPE LIGHTING TYPE LIGHTING TYPE LIGHTING TYPE LED CERTIFICATIONS USA/DOT COMPLIANT ADJUSTABLE HITCH HEIGHT Ves TRANSPORT CANADA COMPLIANT TYPE TRANSPORT CANADA COMPLIANT TYPE TRANSPORT CANADA COMPLIANT TYPE TIER 4 Final	ENCLOSURE	
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TRAILER WEIGHT 1,350 lbs		6,878 lbs
OPERATING WEIGHT W/TRAILER (GVWR)		8,488 lbs
TRAILER WEIGHTS & DIMENSIONS 196"	TRAILER WEIGHT	1,350 lbs
LENGTH		9,838 lbs
WIDTH 79" HEIGHT W/GENERATOR INSTALLED 85" WEIGHT 1,350 lbs ST225/T5R15 Load Limit E, 3520 lbs @ 80 psi NUMBER OF AXLES / RATING 2 Axles / 6,000 lbs each BRAKING TYPE Surge or Electric LIGHTING TYPE LIGHTING TYPE 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	TRAILER WEIGHTS & DIMENSIONS	
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WHEEL SIZE-TIRE RATING NUMBER OF AXLES / RATING BRAKING TYPE LIGHTING TYPE CERTIFICATIONS USA/DOT COMPLIANT ADJUSTABLE HITCH HEIGHT COMPLIANCE & CERTIFICATIONS FLUID CONTAINMENT USA DOT COMPLIANT CSA LISTED TRANSPORT CANADA COMPLIANT Yes LOWEL INTERPRETATIONS FUID CONTAINMENT TRANSPORT CANADA COMPLIANT Yes LOWEL INTERPRETATIONS Yes TRANSPORT CANADA COMPLIANT Yes	WEIGHT	1,350 lbs
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CERTIFICATIONS USA/DOT COMPLIANT ADJUSTABLE HITCH HEIGHT COMPLIANCE & CERTIFICATIONS FLUID CONTAINMENT USA DOT COMPLIANT CSA LISTED TRANSPORT CANADA COMPLIANT Yes TRANSPORT CANADA COMPLIANT Yes	BRAKING TYPE	Surge or Electric
ADJUSTABLE HITCH HEIGHT COMPLIANCE & CERTIFICATIONS FLUID CONTAINMENT USA DOT COMPLIANT CSA LISTED TRANSPORT CANADA COMPLIANT Yes Yes	LIGHTING TYPE	LED
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FLUID CONTAINMENT 110% USA DOT COMPLIANT Yes CSA LISTED Yes TRANSPORT CANADA COMPLIANT Yes	ADJUSTABLE HITCH HEIGHT	Yes
USA DOT COMPLIANT Yes CSA LISTED Yes Transport canada compliant Yes	COMPLIANCE & CERTIFICATIONS	
CSA LISTED Yes TRANSPORT CANADA COMPLIANT Yes	FLUID CONTAINMENT	110%
TRANSPORT CANADA COMPLIANT Yes	USA DOT COMPLIANT	Yes
	CSA LISTED	Yes
DIESEL ENGINE EPA TIER LEVEL Tier 4 Final	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.

SM/NRTLOAD"

LOAD BANK SYSTEM

- U.S. PATENT PENDING -



SmartLoad™ System



Parallelling Control Panel

OPTIONAL ACCESSORIES

- Paralleling Feature
 Dual Row Cam Lok™ (See Front)
 4-Position Selector Switch
 Lockable Battery Disconnect
 Fuel Filter Heater
 Engine Coolant Heater Kit
 Engine Block Heater
 Battery Charger
 Battery Blanket







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

