

**220
kVA PRIME
POWER**



SMARTLOAD™
LOAD BANK SYSTEM

PERFORMANCE //

- 1 - DSE® Digital Control Panel
- 2 - Curbside Electrical Panel
- 3 - Large Electrical Lugs
- 4 - Emergency Stop Button
- 5 - Prime Power Alternator
- 6 - QuietTech™ Sound Attenuation
- 7 - Fast Change Voltage Link Board

MAINTENANCE //

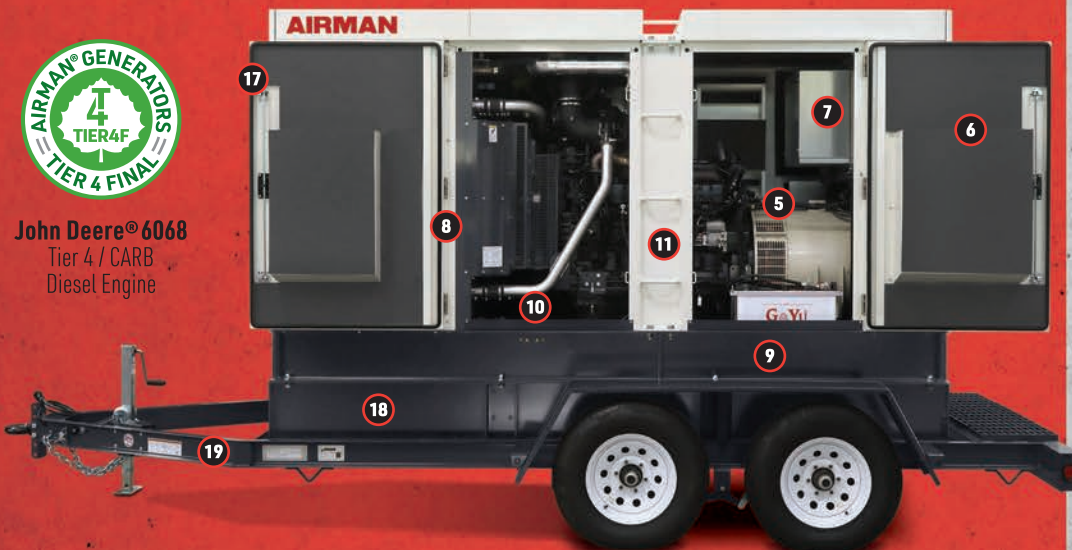
- 8 - Lift-off Door Hinges
- 9 - 110% Fluid Containment
- 10 - Ext. Fuel Tank Connections
- 11 - Built-in Service Ladder
- 12 - Service Extensions
- 13 - Front DEF Access Door

CONSTRUCTION //

- 14 - Powder-coated Steel Enclosure
- 15 - Stainless Steel Hardware
- 16 - Lockable Access Doors
- 17 - Automotive Door Seals
- 18 - 285 Gallon Fuel Tank
- 19 - Heavy-Duty Steel Trailer



John Deere® 6068
Tier 4 / CARB
Diesel Engine



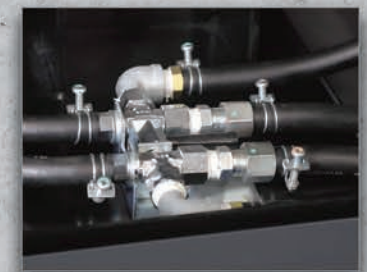
1 | DSEgenset® Digital Control Panel
Model 7310 MKII



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



3 | Large Electrical Output Lugs
3Φ Output - 480V & 240V or 208V



10 | 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 SDG220S-8E1

RUN WITH AIRMAN®

GENERATOR SPECIFICATIONS	SDG220S-8E1
ALTERNATOR TYPE	STAMFORD®
STANDBY OUTPUT	
THREE-PHASE AT 240V 3Ø-4 WIRE	242 kVA / 194 kW
SINGLE-PHASE AT 240V 1Ø-3 WIRE	129.9 kW
PRIME OUTPUT	
THREE-PHASE AT 240V 3Ø-4 WIRE	220 kVA / 176 kW
THREE-PHASE AT 240V 1Ø-3 WIRE	117.9 kW
FREQUENCY	60 Hz
VOLTAGE (THREE-PHASE), LINK BOARD	208/220/240/416/440/480
VOLTAGE (SINGLE-PHASE), LINK BOARD	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)	/
INSULATION	Class F
VOLTAGE REGULATION	±0.5%
FREQUENCY REGULATION, STEADY STATE	±0.25% of Overall Mean Value
AMPERAGE	
SINGLE-PHASE (120V)	491 A x 2
SINGLE-PHASE (240V)	491 A
THREE-PHASE (208V)	608 A
THREE-PHASE (240V)	529 A
THREE-PHASE (480V)	264 A
ENGINE MAKE & MODEL	JOHN DEERE® 6068
ENGINE CONTROL PANEL	DSE® 7310 MKII
EPA TIER 4 / CARB EMISSION CERTIFIED 2021	CARB Exec. Order U-R-004-0604 EPA Cert. No. MJDXLD6.8312-014
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	323 BHP / 240.8 kW
HORSEPOWER RATING (@1800 RPM)	295 HP / 220 kW
NUMBER OF CYLINDERS	6
DISPLACEMENT	415 cu in
ENGINE SPEED	1800 RPM
GOVERNOR TYPE	Electronic
FUEL TYPE	Ultra-low sulfur diesel
DEF CAPACITY	11.7 gal
DEF CONSUMPTION (MAXIMUM)	5.7 gal Per Tank of Diesel
DEF RUNTIME @ FULL LOAD	46 hrs
FUEL TANK CAPACITY	285 gal
FUEL CONSUMPTION	
FULL LOAD	12.1 gal/hr
75% LOAD	9.5 gal/hr
50% LOAD	6.8 gal/hr
RUNTIME @ FULL LOAD	23.5 hrs
FUEL PUMP (w/SERVICEABLE STRAINER)	Self-priming Electric Fuel Pump
FUEL FILTER TYPE / QUANTITY	Pre-filter/Sediment x 1 Fuel Filter x 1
LUBRICATING OIL CAPACITY	8.7 gal
BATTERY	
SYSTEM VOLTAGE	12V
BATTERY CHARGER ALTERNATOR	90 A
QUANTITY	12V x 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)	63 dBA / 69 dBA

ENCLOSURE	
	Positively Charged Ion (E-coat) Electrodeposition Coating, Baking Finish Coating for Weatherproof, and Anti-corrosion and Salt Pollution
PAINT TYPE	
ENCLOSURE METAL / CONSTRUCTION	Steel
GAUGE STEEL	16 Gauge
DOOR HINGES	Stainless Steel
SERVICE ACCESS POINTS HARDWARE	Stainless Steel
SPILL PROTECTION	110%
WEIGHTS & DIMENSIONS	
LENGTH x WIDTH x HEIGHT	137.8" x 51.2" x 87.4"
DRY WEIGHT	7,452 lbs
OPERATING WEIGHT	9,656 lbs
TRAILER WEIGHT	1,365 lbs
OPERATING WEIGHT w/TRAILER (GVWR)	11,021 lbs
TRAILER WEIGHTS & DIMENSIONS	
LENGTH	219"
WIDTH	83.75"
HEIGHT W/GENERATOR INSTALLED	103.4"
WEIGHT	1,365 lbs
WHEEL SIZE-TIRE RATING	ST225/75R15 Load Limit E, 2830 lbs @ 80 psi
NUMBER OF AXLES / RATING	2 Axles / 6,000 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 -



Parallelling Control Panel



Battery Charger

ACCESSORIES & OPTIONS

- ◀ SmartLoad™ System
- ◀ Paralleling Feature
- ◀ Battery Charger
- ◀ Dual Row Cam-Loks™ (See Front)
- ◀ Lockable Battery Disconnect
- ◀ Fuel Filter Heater
- ◀ Engine Coolant Heater
- ◀ Engine Block Heater
- ◀ Battery Blanket
- ◀ 600V
- ◀ 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



We make your world easier.