



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 //**

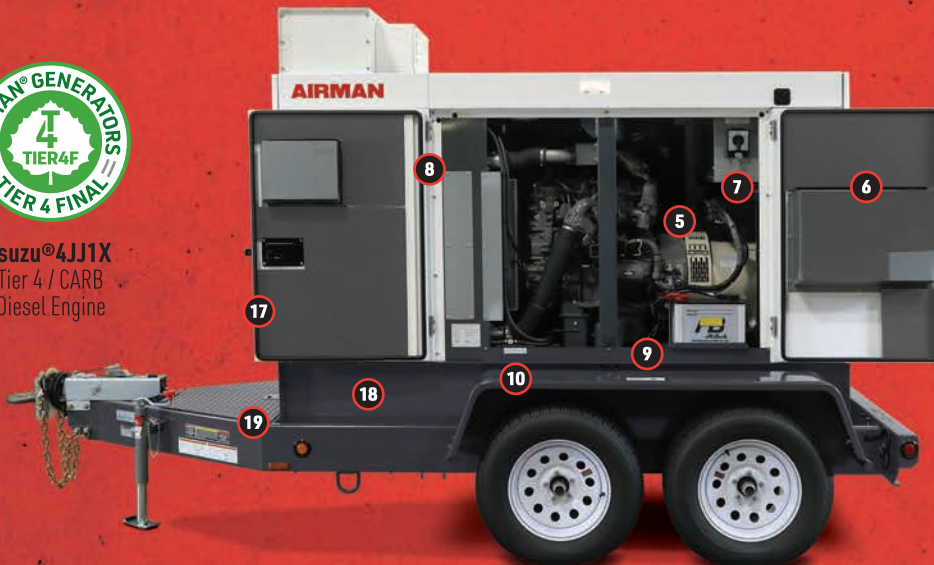
- 8 - Lift-off Door Hinges
- 9 - 110% Fluid Containment
- 10 - Ext. Fuel Tank Connections
- 11 - Fuel & Containment Drains
- 12 - Service Extensions
- 13 - Dedicated DEF Access Door

**CONSTRUCTION //**

- 14 - Powder-coated Steel Enclosure
- 15 - Stainless Steel Hardware
- 16 - Lockable Access Doors
- 17 - Automotive Door Seals
- 18 - 111 Gallon Fuel Tank
- 19 - Heavy-Duty Steel Trailer with Lockable Storage



Isuzu®4JJ1X  
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 Single 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

**BEST-IN-CLASS dBA RATING // 24-HOUR RUNTIME // EXCELLENT MOTOR STARTING**  
**THE INDUSTRY'S HIGHEST-QUALITY MOBILE GENERATORS**

# GENERATOR MODEL SDG65S-8E1

# RUN WITH AIRMAN®

GENERATOR SPECIFICATIONS	SDG65S-8E1
ALTERNATOR TYPE	AIRMAN WYE Winding
<b>STANDBY OUTPUT</b>	
THREE-PHASE AT 240V 3CD-4 WIRE	69.3 kVA / 55.4 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	40.2 kVA / 40.2 kW
<b>PRIME OUTPUT</b>	
THREE-PHASE AT 240V 3CD-4 WIRE	63 kVA / 50.4 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	36.5 kVA / 36.5 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
<b>AMPERAGE</b>	
SINGLE-PHASE (120V)	152A x 2
SINGLE-PHASE (240V)	152A
THREE-PHASE (208V)	167A
THREE-PHASE (240V)	152A
THREE-PHASE (480V)	76A
<b>ENGINE MAKE &amp; MODEL</b>	<b>ISUZU® 4JJ1X</b>
ENGINE CONTROL PANEL	DSE® 7310 MKII
EPA TIER 4 / CARB EMISSION CERTIFIED 2021	CARB Exec. Order U-R-006-0497 EPA Cert. No. MSZXL03.DRXB-008
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)	ISUZU® 4JJ1X
SAE GROSS HP / BHP@1800 RPM	95.2 BHP / 71 kW
HORSEPOWER RATING (@1800 RPM)	86.5 HP / 64.5 kW
NUMBER OF CYLINDERS	4
DISPLACEMENT	183 cu in
ENGINE SPEED	1800 RPM
GOVERNOR TYPE	Electronic
FUEL TYPE	Ultra-low sulfur diesel
DEF CAPACITY	7.4 gal
DEF CONSUMPTION (MAXIMUM)	2.22 gal Per Tank of Diesel
DEF RUNTIME @ FULL LOAD	95 hrs
FUEL TANK CAPACITY	111 gal
<b>FUEL CONSUMPTION</b>	
FULL LOAD	3.9 gal/hr
75% LOAD	3.1 gal/hr
50% LOAD	2.3 gal/hr
RUNTIME @ FULL LOAD	28.5 hrs
FUEL PUMP (w/INTEGRAL FILTER)	Self-priming Electric Fuel Pump
FUEL FILTER TYPE / QUANTITY	Pre-filter x 1 Secondary Filter x 1
LUBRICATING OIL CAPACITY	4.1 gal
<b>BATTERY</b>	
SYSTEM VOLTAGE	12V
BATTERY CHARGER ALTERNATOR	110 A
QUANTITY	1
COLD CRANKING AMPS	565 CCA
AMP HOURS	80 Ah
<b>COOLING SYSTEM</b>	
COOLING SYSTEM TYPE	Liquid/Air Fin and Tube Radiator, 50/50 Mix
COOLANT CAPACITY	3.4 gal
WATER PUMP TYPE	Impeller
FAN TYPE	Belt-driven Pusher
NOISE LEVEL @ 23 FEET (NO/FULL LOAD)	59 dBA / 65 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 CONTAINMENT	110%
<b>WEIGHTS &amp; DIMENSIONS</b>	
LENGTH x WIDTH x HEIGHT	97" x 39" x 67"
DRY WEIGHT	3,307 lbs
OPERATING WEIGHT	4,189 lbs
TRAILER WEIGHT	1,225 lbs
OPERATING WEIGHT w/ TRAILER (GVWR)	5,414 lbs
<b>TRAILER WEIGHTS &amp; DIMENSIONS</b>	
LENGTH	160"
WIDTH	74"
HEIGHT W/GENERATOR INSTALLED	84.25"
WEIGHT	1,225 lbs
WHEEL SIZE-TIRE RATING	ST205/75R15
NUMBER OF AXLES / RATING	Load Limit C-1820 lbs @ 50 psi 2 Axles / 3,700 lbs each
BRAKING TYPE	Surge or Electric
LIGHTING TYPE	LED
CERTIFICATIONS USA/DOT COMPLIANT	FMVSS
ADJUSTABLE HITCH HEIGHT	Yes
<b>COMPLIANCE &amp; CERTIFICATIONS</b>	
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](http://anacorp.com) for the most current information.

## SMARTLOAD™ LOAD BANK SYSTEM

- U.S. PATENT PENDING -



SmartLoad™ System



Engine Block Heater

### ACCESSORIES & OPTIONS

- ◀ SmartLoad™ System
- ◀ Engine Block Heater
- Single Row Cam-Loks™ (See Front)
- 4-Position Selector Switch
- Lockable Battery Disconnect
- Fuel Filter Heater
- Engine Coolant Heater
- Battery Charger
- Battery Blanket
- 600V
- 🇨🇦 CSA Certification
- 5-Yr./7,000-Hr. Ext. Warranty



SOLD AND SERVICED BY

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