

**AIRMAN**  
MOBILE GENERATORS



**SDG400**

**400 kVA PRIME POWER**



Available 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

**MAINTENANCE //**

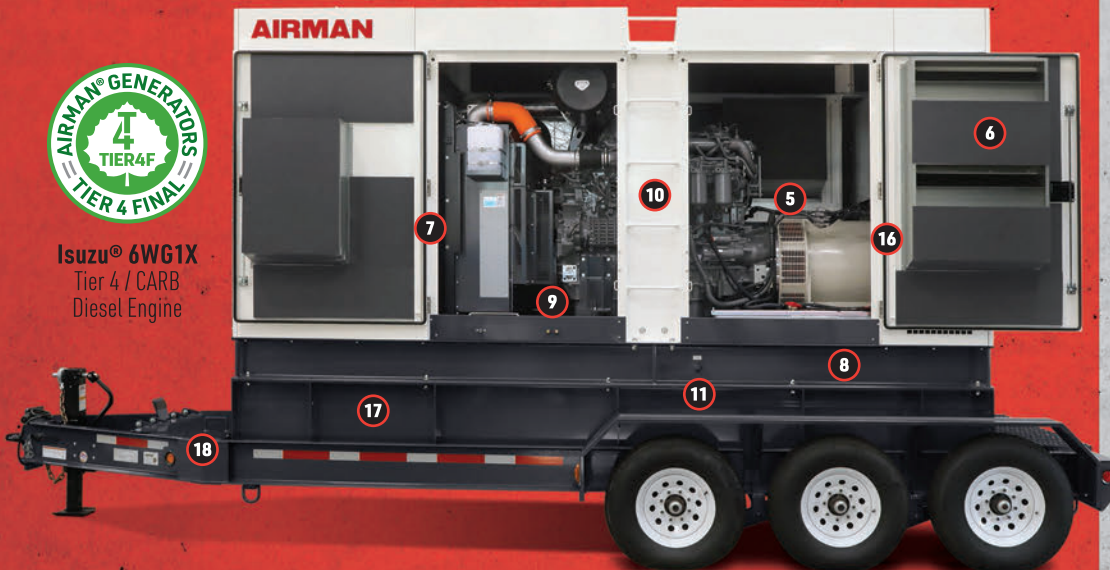
- 7 - Lift-off Door Hinges
- 8 - 110% Fluid Containment
- 9 - External Fuel Tank Valve
- 10 - Built-in Service Ladder
- 11 - Service Extensions
- 12 - Dedicated DEF Access Door

**CONSTRUCTION //**

- 13 - Powder-coated Steel Enclosure
- 14 - Stainless Steel Hardware
- 15 - Lockable Access Doors
- 16 - Automotive Door Seals
- 17 - 491 Gallon Fuel Tank
- 18 - Heavy-Duty Steel Trailer



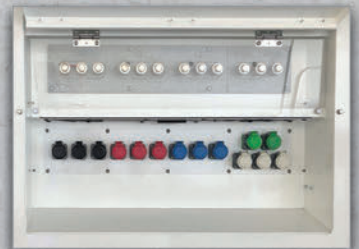
Isuzu® 6WG1X  
Tier 4 / CARB  
Diesel Engine



1 | DSEgenset® Digital Control Panel  
Model 7310 MKII



2 | Single-Phase Receptacles  
120V - 20A x 2 | 240V - 50A x 3



3 | Three-Phase Output Panel  
Optional Triple Row Cam-Locks™ Shown



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

**BEST-IN-CLASS dBA RATING // 24-HOUR RUNTIME // WIDEST VOLTAGE RANGE**  
**THE INDUSTRY'S HIGHEST-QUALITY MOBILE GENERATORS**

# GENERATOR MODEL SDG400S-8E1

# RUN WITH AIRMAN®

GENERATOR SPECIFICATIONS	SDG400S-8E1
ALTERNATOR TYPE	TAIYO WYE Winding
<b>STANDBY OUTPUT</b>	
THREE-PHASE AT 240V 3CD-4 WIRE	420 kVA / 336 kW
<b>PRIME OUTPUT</b>	
THREE-PHASE AT 240V 3CD-4 WIRE	400 kVA / 320 kW
FREQUENCY	60 Hz
VOLTAGE (THREE-PHASE), RECONNECTABLE	208/220/240/416/440/480
VOLTAGE (SINGLE-PHASE), ADJUSTABLE	120/127/139/240/254/277
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
<b>AMPERAGE</b>	
SINGLE-PHASE (120V)	20A x 2 (Receptacle)
SINGLE-PHASE (240V)	50A x 3 (Receptacle)
THREE-PHASE (208V)	1048 A
THREE-PHASE (240V)	962 A
THREE-PHASE (480V)	481 A
<b>ENGINE MAKE &amp; MODEL</b>	<b>ISUZU® 6WG1X</b>
ENGINE CONTROL PANEL	DSE® 7310 MKII
EPA TIER 4 / CARB EMISSION CERTIFIED 2021	CARB Exec. Order U-R-006-0505 EPA Cert. No. MSZXL15.70XB 2021
TYPE OF AFTERTREATMENT	DEF, DDC, SCR, ASC
ENGINE TYPE	Electronic Direct Injection 4-Cycle, Liquid Cooled Diesel
ASPIRATION	Turbocharged + Turbo After Cooler
SAE GROSS HP / BHP@1800 RPM	512.3 BHP / 382 kW

ENGINE MAKE & MODEL (Continued)	ISUZU® 6WG1X
HORSEPOWER RATING (@1800 RPM)	457.7 HP / 341.3 kW
NUMBER OF CYLINDERS	6
DISPLACEMENT	958 cu in / 15.7 L
ENGINE SPEED	1800 RPM
GOVERNOR TYPE	Electronic
FUEL TYPE	Ultra-low sulfur diesel
DEF CAPACITY	25 gal
DEF CONSUMPTION (MAXIMUM)	9.8 gal Per Tank of Diesel
DEF RUNTIME @ FULL LOAD	127 hrs
FUEL TANK CAPACITY	491 gal
<b>FUEL CONSUMPTION</b>	
FULL LOAD	23.1 gal/hr
75% LOAD	17.4 gal/hr
50% LOAD	12.1 gal/hr
RUNTIME @ FULL LOAD	21.3 hrs
FUEL PUMP (w/SERVICEABLE STRAINER)	Electric Fuel Supply
FUEL FILTER TYPE / QUANTITY	Pre-filters / Water Separator x 2 Fuel Filters x 2
LUBRICATING OIL CAPACITY	15.8 gal
<b>BATTERY</b>	
SYSTEM VOLTAGE	24V
BATTERY CHARGER ALTERNATOR	110 A
QUANTITY	2
COLD CRANKING AMPS	990 CCA
AMP HOURS	220 Ah
<b>COOLING SYSTEM</b>	
COOLING SYSTEM TYPE	Liquid/Air Fin and Tube Radiator, 50/50 Mix
COOLANT CAPACITY	19.8 gal
WATER PUMP TYPE	Impeller
FAN TYPE	Belt-driven Pusher
NOISE LEVEL @ 23 FEET (NO/FULL LOAD)	67 dBA / 70 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	14 Gauge
DOOR HINGES	Stainless Steel
SERVICE ACCESS POINTS HARDWARE	Stainless Steel
SPILL CONTAINMENT	110%
<b>WEIGHTS &amp; DIMENSIONS</b>	
LENGTH x WIDTH x HEIGHT	177" x 59" x 107.5"
DRY WEIGHT	13,206 lbs
OPERATING WEIGHT	17,042 lbs
TRAILER WEIGHT	2,560 lbs
OPERATING WEIGHT w/ TRAILER (GVWR)	19,602 lbs
<b>TRAILER WEIGHTS &amp; DIMENSIONS</b>	
LENGTH	270"
WIDTH	92"
HEIGHT W/GENERATOR INSTALLED	127"
WEIGHT	2,560 lbs
WHEEL SIZE-TIRE RATING	ST235/80R16 Load Limit E-3520 lbs @ 80 psi
NUMBER OF AXLES / RATING	3 Axles / 7,000 lbs each
BRAKING TYPE	Electric
LIGHTING TYPE	LED
CERTIFICATIONS USA/DOT COMPLIANT	FMVSS
ADJUSTABLE HITCH HEIGHT	3-Position
<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 (INSIDE AIR DISCHARGE CHAMBER)



Parallelling Control Panel



Battery Charger

### OPTIONAL ACCESSORIES

- SmartLoad™ System
- Parallelling Feature
- Battery Charger
- Triple Row Cam-Loks™ (See Front)
- Lockable Battery Disconnect
- Fuel Filter Heater
- Engine Block Heater
- Battery Blanket



SOLD AND SERVICED BY

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