



AIRMAN®

MOBILE GENERATORS



ANACORP.COM

ONLY



HAS THE INDUSTRY'S

PRIME POWER **RATED & READY**

AIRMAN® has been manufacturing the highest-quality mobile generators since 1971 and is a staple among rental companies and construction contractors alike. With prime power models ranging from 13 kVA to 400 kVA, AIRMAN has a generator to meet your jobsite power demands.

All S-Series AIRMAN generators feature 24-hour runtime at full load and include auxiliary fuel tank connections for extended runtimes. AIRMAN generators include the industry's best automatic voltage regulation ($\pm 0.5\%$) with the widest range of voltage selection and best-in-class motor starting capability.

Run with the best. ***Run with AIRMAN.***

SDG13LAX-8E1

**13
kVA**

Kubota®
D1503



SDG25S-8E1

**25
kVA**

Isuzu®
4LE2T



SDG40S-8E1

**36
kVA**

Kubota®
V2403



SDG45S-8E2

**45
kVA**

Isuzu®
4LE2X



SDG65S-8E1

**65
kVA**

Isuzu®
4JJ1X



SDG125S-8E1

**125
kVA**

Isuzu®
4HK1X



SDG150S-8E1

**150
kVA**

John
Deere®
6068



SDG400S-8E1

**400
kVA**

Isuzu®
6WG1X



SEE THE FULL LINE AT ANACORP.COM

SMARTTEST DIESEL GENERATORS

AUTOMATIC LOAD OPTIMIZATION

SmartLoad™ technology from ANA automatically optimizes the load on the generator for maximum operating efficiency and reliability.

The SmartLoad system monitors electrical loads off of the generator and automatically engages if the load is 30% or less. The SmartLoad system adds a 40% load to the generator (75% max.) and will instantaneously shut off when a load inrush is detected or 75% load is exceeded.

Maintain power reliability, reduce maintenance and prevent wet stacking with the SmartLoad fully automatic load bank system from ANA.

SMARTLOAD™

— PATENT PENDING —

**FOR GENERATORS RANGING FROM
25 kVA - 400 kVA**

SMARTLOAD TECHNOLOGY PREVENTS LIGHT LOADING, DOWNTIME AND OTHER COMMON ISSUES WITH TIER 4 GENERATOR ENGINES:



**ENGINE
DAMAGE**



**RE-GEN
LOCKOUT**



**NUISANCE
SHUTDOWNS**



**ON-SITE
LOAD
BANKING**

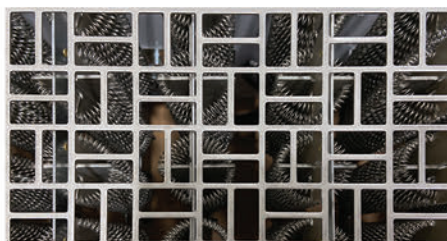


**WET
STACKING**



Vertical Air Discharge

The SmartLoad system is mounted over the air discharge scoop, or inside the discharge chamber, to maintain vertical airflow. The weathertight enclosure has sealed electrical connections and uses stainless steel hardware.



Heavy-duty Resistor Coils

Mobile generators require maximum durability for the most demanding work environments. The SmartLoad system uses spiral coils over resistors with mica thermal insulators for very low heat output and unmatched durability.



Automatic Phase & Voltage Sensing

The SmartLoad system features an integral control box with fused power connections. The load bank is designed to automatically sense both single-phase to three-phase power and a variety of voltages from 120V to 480V.

PROMOTES: DOWN RENTING // INCREASED UTILIZATION // FASTER RENT READINESS

S HIGHEST-QUALITY MOBILE GENERATOR

AIRMAN® VALUE-ADDED FEATURES



External Drain

Large Electrical Lugs

External Fuel Tank

Best-in-Class dBA Rating

24-Hour Runtime

QuieTech™ Sound Attenuation



Stainless Steel Hardware and Hinges

Automotive Door Seals

Lockable Access Doors

Delta Demand Excitation™ Technology

110% Fluid Containment
Fuel • Oil • Coolant

Powder-Coated Steel Enclosure

Curbside Electrical Panel with
Voltage Selector Switches

Auto Start (optional SDG13)

External Emergency
Shut-Off Button

External Fuel Connections

Heavy-Duty Steel Trailer



DSE Genset® Control Panel

Each AIRMAN generator features an intuitive DSE control panel for simplified operation.

The Auto Start digital control includes configurable inputs and outputs, audible alarms, engine status and shutdown information, a fuel usage monitor, back-lit LCD screen and many other user-friendly features.



▶ SEE THESE INDUSTRY-BEST GENSET FEATURES

WATCH AIRMAN® PRODUCT VIDEOS ONLINE

GENERATORS RUN WITH AIRMAN®

WORLD-CLASS SUPPORT

ANA manufactures and sells the industry's highest-quality equipment and provides complete sales and support for AIRMAN and Hokuetsu OEM products.

ANA service professionals are ready to keep your fleet in top condition with 24/7 on call technical support, parts processing, warranty assistance and product training. ANA's online knowledge base includes an extensive library of AIRMAN technical documents and access to SmartEquip® – the premier fleet support platform for parts and service information.

→ Online at www.anacorp.com/support



SmartEquip®

OPTIONAL ACCESSORIES

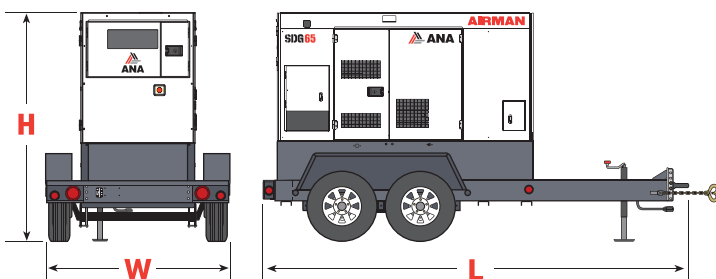
ANA stocks a wide variety of genuine AIRMAN generator parts and model-specific accessories.

SMARTLOAD™ SYSTEM

- Cam Locks
- Battery Charger
- Lockable Battery Disconnect
- Battery Blanket
- Engine Block Heater
- Lower Radiator Heater

- Fuel Filter Heater
- Paralleling (SDG125, 150 & 400)
- 120/240 CAC Delta Option
- Extended Run Fuel Tank
- Auto Start (SDG13LAX optional)
- CSA Certification 

TRAILER DIMENSIONS



GENERATOR MODEL	LENGTH (L)	WIDTH (W)	HEIGHT (H)
SDG13LAX-8E1	120"	60"	60"
SDG25S-8E1	119"	54"	62"
SDG40S-8E1	144"	70"	73"
SDG45S-8E2	144"	70"	73"
SDG65S-8E1	160"	74"	84.25"
SDG125S-8E1	196"	79"	85"
SDG150S-8E1	196"	79"	85"
SDG400S-8E1	270"	92"	127"

All dimensions for standard equipment only. All specifications are subject to change without prior notice.

COMPLETE PRODUCT SUPPORT FROM ANA

AIRMAN® SPECIFICATIONS

GENERATOR SPECIFICATIONS	SDG13LAX-8E1		SDG25S-8E1		SDG40S-8E1		SDG45S-8E2		SDG65S-8E1		SDG125S-8E1		SDG150S-8E1		SDG400S-8E1			
GENERATOR TYPE	AIRMAN Generator End											TAIYO Generator End						
ARMATURE CONNECTION	Star with Neutral / Zig Zag																	
NUMBER OF POLES	4-Pole																	
INSULATION	F-Class																	
EXCITATION	Brushless with AVR																	
VOLTAGE REGULATOR	± 0.5%																	
POWER FACTOR	0.8																	
FREQUENCY	60 Hz																	
PRIME POWER	12.5 kVA / 10 kW		25 kVA / 20 kW		36 kVA / 28.8 kW		45 kVA / 36 kW		65 kVA / 51 kW		125 kVA / 100 kW		150 kVA / 120 kW		400 kVA / 320 kW			
STANDBY POWER	13.8 kVA / 11 kW		27.5 kVA / 22 kW		37.8 kVA / 30.2 kW		48.5 kVA / 38.8 kW		69.3 kVA / 55.4 kW		137.5 kVA / 110 kW		165 kVA / 132 kW		420 kVA / 336 kW			
VOLTAGE (SINGLE-PHASE)	120V / 240V (Simultaneous)		120V / 240V / 277V (Switchable)												120V / 127V / 139V / 240V 254V / 277V (Link Board)			
VOLTAGE (THREE-PHASE)	208V / 240V (Simultaneous)		208V / 240V / 416V / 480V (Switchable)												208V / 220V / 240V / 416V 440V / 480V (Link Board)			
AMPERAGE																		
SINGLE-PHASE (120V)	40 A x 2		60 A x 2		108 A x 2		108 A x 2		152 A x 2		300 A x 2		363 A x 2		20 A x 2			
SINGLE-PHASE (240V)	40 A		60 A		108 A		108 A		152 A		300 A		363 A		50 A x 3			
THREE-PHASE (208V)	30 A		65 A		95 A		119 A		167 A		328 A		394 A		1048 A			
THREE-PHASE (240V)	30 A		60 A		86 A		108 A		152 A		300 A		361 A		962 A			
THREE-PHASE (480V)	N/A		30 A		43 A		54 A		76 A		150 A		180 A		481 A			
ENGINE SPECIFICATIONS																		
ENGINE	Kubota D1503		Isuzu 4LE2T		Kubota V2403-CR-T		Isuzu 4LE2X		Isuzu 4JJ1X		Isuzu BR - 4HK1X		John Deere 6068HFG05		Isuzu 6WG1X			
EPA EMISSION LEVEL	Tier 4 Final																	
ENGINE TYPE / CYLINDERS	4-cycle, water-cooled direct injection 3		4-cycle, water-cooled direct injection turbocharged 4		4-cycle, water-cooled direct injection turbocharged air-to-air intercooled, EGR 4		4-cycle, water-cooled direct injection turbocharged 4		4-cycle, water-cooled direct injection turbocharged intercooled, DOC, SCR, DEF 4		4-cycle, water-cooled direct injection turbocharged intercooled, DOC, SCR, DEF 4		4-cycle, water-cooled direct injection turbocharged intercooled, EGR, DOC, SCR 4		6-cycle, water-cooled direct injection turbocharged intercooled, EGR, DOC, SCR 6			
OUTPUT @ RATED SPEED (1800 rpm)	18.4 HP		33.3 HP		44.9 HP		57.7 HP		86.5 HP		147.9 HP		235 HP		458.4 HP			
ENGINE SPEED	1800 rpm																	
GOVERNOR TYPE	Electronic																	
INTEGRAL FUEL TANK CAPACITY	26.4 gal		51.5 gal		84.5 gal		80.5 gal		111 gal		168 gal		204 gal		491 gal			
FUEL CONTAINMENT	110%																	
DEF TANK CAPACITY	N/A		N/A		N/A		N/A		7.4 gal		7.4 gal		11.7 gal		25 gal			
LUBRICATING OIL CAPACITY	1.72 gal		2.75 gal		2.6 gal		3.1 gal		4.1 gal		6.1 gal		8.7 gal		15.8 gal			
COOLANT CAPACITY	1.72 gal		2.75 gal		2.5 gal		2.5 gal		3.4 gal		6.7 gal		7.1 gal		19.8 gal			
BATTERY	12 V - 55 Ah		12V x 1 12V System										12V - 140 Ah x 1 12V		12V - 150 Ah x 1 12V		12V - 176 Ah x 2 12V	
FUEL CONSUMPTION																		
FULL LOAD	1.0 gal/hr		1.6 gal/hr		2.3 gal/hr		2.8 gal/hr		3.9 gal/hr		7.2 gal/hr		8.5 gal/hr		23.1 gal/hr			
75% LOAD	0.77 gal/hr		1.3 gal/hr		1.7 gal/hr		2.1 gal/hr		3.1 gal/hr		5.4 gal/hr		6.9 gal/hr		17.4 gal/hr			
50% LOAD	0.65 gal/hr		1.0 gal/hr		1.2 gal/hr		1.5 gal/hr		2.3 gal/hr		3.9 gal/hr		5.1 gal/hr		12.1 gal/hr			
RUNTIME @ FULL LOAD	27.7 hours		32 hours		37 hours		28.75 hours		28.5 hours		23.3 hours		24.0 hours		21.3 hours			
WEIGHTS & DIMENSIONS																		
L x W x H WITHOUT TRAILER	55" x 26" x 46"		67" x 31" x 55"		67" x 31" x 55"		74.8" x 38.2" x 61.4"		97" x 39" x 67"		113" x 51" x 73"		113.4" x 51.2" x 72.8"		177" x 59" x 107.5"			
L x W x H WITH TRAILER	120" x 60" x 60"		119" x 54" x 62"		144" x 70" x 73"		144" x 70" x 73"		160" x 74" x 84.25"		196" x 79" x 85"		196" x 79" x 85"		270" x 92" x 127"			
GVWR	1995 lb		2849 lb		4247 lb		4519 lb		5414 lb		8352 lb		9838 lb		19,602 lb			
TRAILER WEIGHT	494 lb		644 lb		1182 lb		1182 lb		1225 lb		1650 lb		1350 lb		2650 lb			
DRY / OPERATING WEIGHT (GEN. ONLY)	1290 lb / 1500 lb		1808 lb / 2205 lb		2426 lb / 3065 lb		2954 lb / 3337 lb		3307 lb / 4189 lb		5379 lb / 6702 lb		6878 lb / 8488 lb		13,206 lb / 17,042 lb			
SOUND LEVEL @ 23 FT (NO/FULL LOAD)	58 / 61 dBA		57 / 63 dBA		57 / 61 dBA		57 / 61 dBA		59 / 65 dBA		66 / 67 dBA		61 / 67 dBA		*67 / 70 dBA			

*67 dBA with automatic fan; 70 dBA with full speed fan

All specifications are subject to change without prior notice. Visit anacorp.com for the most current information.

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