



AIRMAN[®]

GENERATORS

SDG125S-8E1

125 kVA

AIRMAN generators are manufactured to the highest quality, consistently delivering the industry's best return on investment.

ANA is committed to supplying the finest products with unmatched performance and support, maintaining their value over time.

- 125 kVA prime power
- Excellent Fuel Efficiency — 24 hour runtime
- Isuzu diesel engine
- EPA Tier 4 Final



Alliance North America

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Features and specifications may change without notice.
Please consult ANA for all current information.

SPECIFICATIONS



AIRMAN[®]

GENERATORS

SDG125S-8E1

125 kVA

Model	SDG125S-8E1
GENERATOR SPECIFICATIONS	
Generator Type	Airman Generator End
Armature Connection	Star with Neutral/Zig Zag
No. of Poles	4-Pole
Insulation	F-Class
Excitation	Brushless with AVR
Voltage Regulation	±0.5%
Power Factor %	80
Frequency	60 Hz
Prime Power	125 kVA/ 100 kW
Standby Power	137.5 kVA/ 110 kW
Voltage Single Phase	120V / 127V / 139V / 240V / 254V / 277V (Switchable)
Voltage Three Phase	208V / 220V / 240V / 416V / 440V / 480V (Switchable)
AMPERAGE	
Single Phase 120V	300 Amp x 2
Single Phase 240V	300 Amp
Three Phase 208V	328 Amp
Three Phase 240V	300 Amp
Three Phase 480V	150 Amp

Model	SDG125S-8E1
ENGINE SPECIFICATIONS	
Engine Model	Isuzu BR-4HK1X
EPA Emission Level	Tier 4 Final
Engine Type/Cylinders	4-Cycle, water-cooled, direct injection turbocharged air-to-air intercooled, DOC, SCR
Output @ Rated Speed (1800 rpm)	147.9 HP
Governor Type	Electronic
Integral Fuel Tank Capacity	171 gal.
DEF Tank	7.4 gal.
Fuel Containment	110%
Lubricating Oil Capacity	6.1 gal.
Coolant Capacity	6.9 gal.
Battery	12V-140Ah x 1 12 V System
FUEL CONSUMPTION	
FULL Load	7.4 gal./hr.
75% Load	5.5 gal./hr.
50% Load	3.7 gal./hr.
Run Time @ Full Load	23.1 hr.
WEIGHTS AND DIMENSIONS	
LxWxH without Trailer	113.4" x 51.2" x 72.8"
LxWxH with Trailer	196" x 79" x 85"
GVWR	9900 lb.
Trailer Weight	1650 lb.
Dry Weight/Operating Weight (generator only)	5313 lb. / 6658 lb.
Dry Weight/Operating Weight (with trailer)	6963 lb. / 8208 lb.
Sound Level @ 23 Feet (No/Full Load)	66/67 dbA



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