



# AIRMAN<sup>®</sup>

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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## SPECIFICATIONS



# AIRMAN<sup>®</sup>

## GENERATORS

# SDG125S-8E1

## 125 kVA

| Model                           | SDG125S-8E1  |
|---------------------------------|--|
| <b>GENERATOR SPECIFICATIONS</b> |  |
| 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) |
| <b>AMPERAGE</b>                 |  |
| 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   |
|--|---|
| <b>ENGINE SPECIFICATIONS</b>                 |   |
| 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<br>12 V System  |
| <b>FUEL CONSUMPTION</b>                      |   |
| 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.  |
| <b>WEIGHTS AND DIMENSIONS</b>                |   |
| LxWxH without Trailer                        | 113.4" x 51.2" x 72.8"  |
| LxWxH with Trailer                           | 196" x 79" x 85"  |
| GVWR   | 9900 lb.  |
| Trailer Weight                               | 1200 lb.  |
| Dry Weight/Operating Weight (generator only) | 5379 lb. / 6702 lb.   |
| Dry Weight/Operating Weight (with trailer)   | 6579 lb. / 7902 lb.   |
| Sound Level @ 23 Feet (No/Full Load)         | 66/67 dbA   |



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