



AIRMAN[®]

GENERATORS

SDG45S-8E2

45 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.

- 45 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

SDG45S-8E2

45 kVA

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 %	0.8
Frequency	60 Hz
Prime Power — 3ø at 240 or 480V	45 kVA / 36 kW
Prime Power — 1ø at 240V	31.1 kVA / 31.1 kW
Standby Power — 3ø at 240 or 480V	49.5 kVA / 39.6 kW
Standby Power — 1ø at 240V	31.1 kVA / 31.1 kW
Voltage Single Phase	120V / 240V / 277V (Switchable)
Voltage Three Phase	208V / 240V / 416V / 480V (Switchable)

AMPERAGE

Single Phase 120V	118 Amp x 2
Single Phase 240V	118 Amp
Three Phase 240V	108 Amp
Three Phase 480V	54 Amp

ENGINE SPECIFICATIONS

Engine Model	Isuzu 4LE2X
EPA Emission Level	Tier 4 Final
Engine Type/Cylinders	4-Cycle, water-cooled, direct injection turbocharged, EGR, DOC / 4
Output @ Rated Speed (1800 rpm)	57.7 HP
Governor Type	Electronic
Fuel	Diesel Ultra Low Sulfur
Integral Fuel Tank Capacity	80.6 gal.
Fuel Containment	110%
Lubricating Oil Capacity	2.7 gal.
Coolant Capacity	2.5 gal.
Battery	12V-55Ah x 1 12V System

FUEL CONSUMPTION

FULL Load	2.9 gal./hr.
75% Load	2.2 gal./hr.
50% Load	1.6 gal./hr.
Run Time @ Full Load	27 hr.

WEIGHTS AND DIMENSIONS

LxWxH without Trailer	74.8" x 38.2" x 61"
LxWxH with Trailer	144" x 70" x 73"
GVWR	5,500 lb.
Trailer Weight	1,182 lb.
Dry Weight/Operating Weight	2,954 lb. / 3,337 lb.
Sound Level @ 23 Feet (No/Full Load)	60 / 64 dBA



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