



AIRMAN[®]

GENERATORS

SDG45S-8E1

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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SPECIFICATIONS



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SDG45S-8E1

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	45 kVA /36 kW
Standby Power	48.5 kVA /38.8 kW
Voltage Single Phase	120V / 240V / 277V (Switchable)
Voltage Three Phase	208V / 240V / 416V / 480V (Switchable)

AMPERAGE

Single Phase 120V	108 Amp x 2
Single Phase 240V	108 Amp
Three Phase 208V	119 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 / 4
Output @ Rated Speed (1800 rpm)	59.0 HP
Governor Type	Electronic
Integral Fuel Tank Capacity	106 gal.
Fuel Containment	110%
Lubricating Oil Capacity	3.1 gal.
Coolant Capacity	2.5 gal.
Battery	12V x 1 12V System

FUEL CONSUMPTION

FULL Load	2.8 gal./hr.
75% Load	2.1 gal./hr.
50% Load	1.5 gal./hr.
Run Time @ Full Load	37.8 hr.

WEIGHTS AND DIMENSIONS

LxWxH without Trailer	82" x 38" 61"
LxWxH with Trailer	144" x 70" 73"
GVWR	5500 lb.
Trailer Weight	1225 lb.
Dry Weight/Operating Weight	3831 lb./4599 lb.
Sound Level @ 23 Feet (No/Full Load)	57/64 dBA



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