



# ALLIANCE North America

## AIRMAN SDG40S-8B1 GENERATOR

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

Alliance North America, Inc. is committed to supplying the highest quality products with unmatched performance that maintain their value over time.

Delivery of our products is only the beginning of our commitment to our customers. With dedicated Parts and Service, from the first handshake to the last oil change, we are here to keep your AIRMAN making you dollar after dollar.

### BENEFITS

- Quality—Strong, Durable Construction
- Value—Low Maintenance, High Resale
- Reliability—Minimal Down Time

### FEATURES

- 40kVA Prime Power
- Best in Class Fuel Efficiency
- Kubota Engine Tier 4i — 46.8hp



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**QUALITY VALUE RELIABILITY**

GENERATOR SPECIFICATIONS		SDG40S-8B1		AMPERAGE				
Type	Taiyo Generator End	Single Phase 120 V	91.4 A x 2					
Armature Connection	Star with Neutral/Zig Zag	Single Phase 240 V	91.4 A					
Number of Poles	4-Pole	Three Phase 208 V	105.5 A					
Insulation	F-Class	Three Phase 240 V	91.4 A					
Excitation	Brushless with AVR	Three Phase 480 V	47.5 A					
Voltage Regulation	+ or - 0.5%	<b>WEIGHTS &amp; DIMENSIONS</b>						
Power Factor	1.0					L x W x H w/o Trailer	82 x 39 x 61 in.	
Frequency	60 Hz / 50 Hz					L x W x H with Trailer	144 x 70 x 73 in.	
Prime Power	38kVA/30.40kW					GVWR	5500 lbs.	
Standby Power	39kVA/31.2kW					Trailer Weight	1225 lbs.	
Voltage Single Phase	120 V / 240 V / 277 V (Switchable)					Dry Weight & Operating Weight	3780 lb. / 4550 lbs.	
Voltage Three Phase	208 V / 240 V / 416 V 480 V (Switchable)					Sound Level @ 23 Feet (no load & full load)	60 dBA	
						Sound Level	61 dBA	

ENGINE SPECIFICATIONS	
Engine Model	Kubota V3300
EPA Emission Level	Tier 4 Interim
Engine Type / Cylinders	4-cycle, water-cooled, swirl chambers / 4
Output @ Rated Speed (1800 RPM)	46.8 HP
Governor Type	Electronic
Integral Fuel Tank Capacity	106 gal.
Containment	110%
Lubricating Oil Capacity	3.4 gal.
Coolant Capacity	2.4 gal.
Battery	12 V x 1 12 V System
FUEL CONSUMPTION	
Full Load/ 75% Load/ 50% Load	2.6GPH/ 1.9 GPH/ 1.4 GPH
Run Time @ Full Load	40.8 Hours



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