

**AIRMAN®**

**SPECIALLY ENGINEERED FOR USE AS  
POWER SOURCE OF REEFER CONTAINERS**

**SDG25S-3A8R**



*Made in Japan Quality*

**COMPACT DESIGN ALLOWS INSTALLATION AT VARIOUS POSITIONS**



Cabin Back Loading



Under Container Loading



Gooseneck Trailer Loading

**HOKUETSU INDUSTRIES CO., LTD.**

## FEATURES:

### ◆ Compact and Strong purpose built generator for reefer containers

Redesigned robust body frame with reduced height and width dimensions to suit mounting to underside of container trucks.

### ◆ Long extended operation hours

A three way selector valve is provided as standard feature to enable fuel line connection to external or vehicle fuel tank for long running hours without refuelling.

### ◆ Redesigned covered power output terminal block

Terminal block cover is designed to prevent rainwater from entering the power supply terminal section with a fully-closed cover, and it can be wired from the inside of the machine to the power supply terminal block through the bottom of the frame.

### ◆ Improved Safety feature

An emergency stop push button is installed.



### ◆ Smooth air ventilation flow & exhaust repositioned to prevent overheating

Redesigned air ventilation flow and rear mounted exhaust provide smoother and better cooling efficiency.

### ◆ Lockable side fuel inlet for safety and ease of refuelling

Fuel inlet is located on the right hand side with lockable inlet cover for ease of refuelling and prevention of theft/sabotage.

### ◆ Ease of mounting and dismounting

Slot holes for forklift forks are provided for mounting and dismounting the unit from the container truck.

## SPECIFICATIONS SDG25S-3A8R

### GENERATOR

Type	Revolving field brushless type
3P, 4W Output	20 / 25 kVA (16.0 / 20.0 kW)
Voltage	400 (380) / 440 V
Current	28.9 (30.4) / 32.8 A
Frequency	50 / 60 Hz
No. of poles	4
Rated revolution	1,500 / 1,800 rpm
Class of insulation	Class F

### DIESEL ENGINE

Maker	KUBOTA
Model	V2403-E2B
Rated output	19.1 kW (26.0 PS) / 1,500 rpm 23.7 kW (32.2 PS) / 1,800 rpm
Cooling water capacity	7 Liters
Fuel tank capacity	62 Liters
Lubrication oil capacity	9.5 Liters

### WEIGHT

L x W x H	1,640 x 650 x 900 mm
Dry weigh	610 kg
Operating weight	680 kg

### PROTECTION

#### ENGINE STOP

Engine oil pressure, Engine water temp., Battery charging failure, Overspeed, Abnormal of speed / solenoid / water temp. sensor, Short circuit of water temp. sensor, Snapping alternator L wire, Overvoltage

#### BREAKER TRIP

Overcurrent, Short circuit, Leakage

#### EMERGENCY STOP BOTTON

### CONTROL PANEL

#### GENERATOR

AC Voltmeter, AC Ammeter, Frequency meter, Voltage regulator (with AVR), Leakage relay, Magnetic circuit breaker (3P),

#### ENGINE

Starter switch, Glow lamp, Engine water temp. gauge, Fuel gauge (with hour mater)

#### WARNING LAMPS

Engine oil pressure drop, Engine water temp. rise, Not charging, Air filter clogging

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