

# Stationary Diesel Generator Set

# **DSA-14HK5**



Denyo is a leading company in the generator set's business in Japan.  
We designed "DSA-14HK5" in Japan.  
We launch "Stationary Generator Set" capable of providing stable electricity.

## **Voltage Regulation Within $\pm 0.5\%$**

Denyo's original high-performance Automatic Voltage Regulator (AVR) maintains superb stability output by keeping voltage regulation within  $\pm 0.5\%$

## **Alternator designed and made by Denyo, makes Denyo the best generator**

Denyo's generators are produced in our own premises; from designing and manufacturing the parts (except the engine) up to the final assembly and quality control. Accordingly, we are able to respond to our customer's needs including the custom specifications in short delivery times.

### **Control Unit : WOODWARD easY gen 1600**

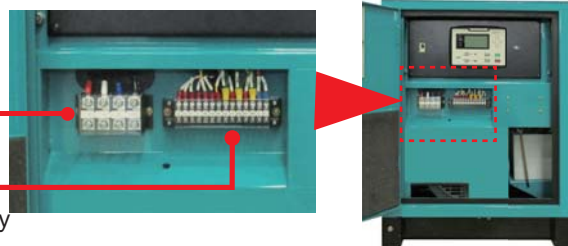
- Alarm indicator
- Generating set status indicator
- Load / Mains / Generating set connection indicators
- Auto / Manual / Stop indicators.



### **Output Terminals**

**Terminal Block**  
3-Phase 4-wires

**Terminal Block**  
Controller and Battery  
Charger inputs



### **Emergency Stop Button**



# SPECIFICATION TABLE

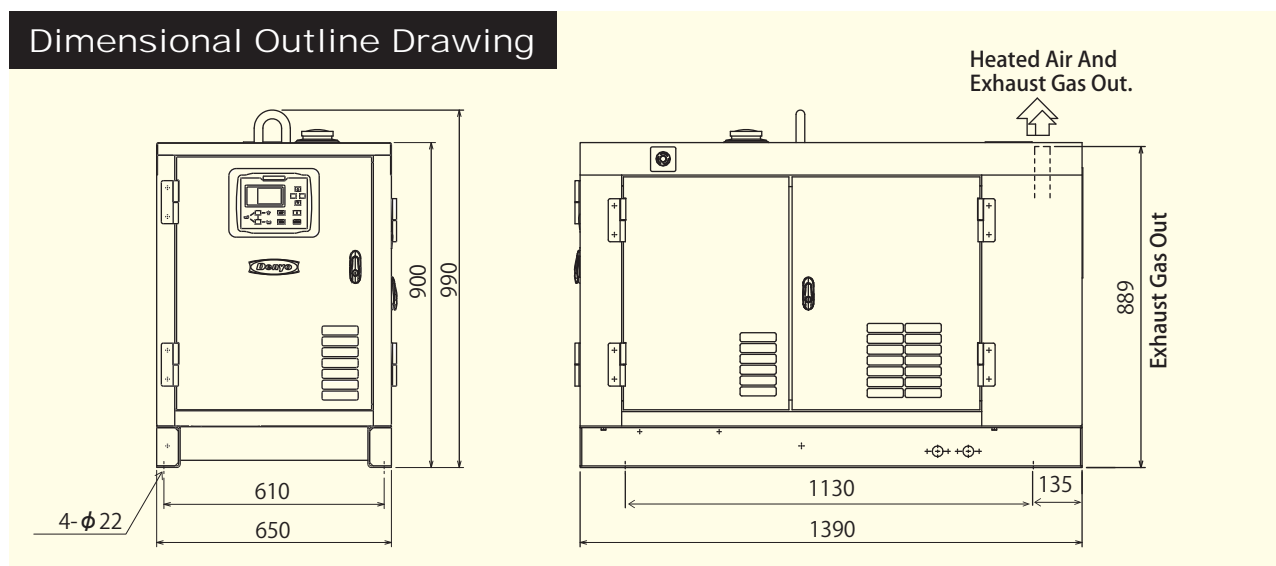
MODEL		DSA-14HK5	
AC Generator			
Frequency	Hz	50	
Output Rating	Prime	kVA	12.5
	Standby	kVA	13.5
No. of Phases		3 (4 wires)	
Rated Voltage	V	190~220 or 380~440	
Power Factor		0.8 (lagging)	
Voltage Regulation	%	±0.5	
Excitation		Brushless type (with AVR)	
Insulation		Class H	
Engine			
Model		KUBOTA D1703-KB	
Type		4-cycle, water-cooled, Diesel Engine, Swirl chamber type	
Output Rating	PS/rpm	16.8/ 1500	
	kW/min <sup>-1</sup>	12.4/ 1500	
No. of Cylinders-Bore ×Stroke	mm	3 - 87× 92.4	
Piston Displacement	L	1.647	
Fuel		Diesel fuel (ASTM No.2 or equivalent)	
Lube Oil Capacity	L	5.6	
Coolant Capacity	L	6.4	
Battery×Quantity		55D26R × 1	
Fuel Tank Capacity	L	50	
UNIT			
Dimensions	Length	mm	1390
	Width	mm	650
	Height	mm	900
Dry Weight (Total Weight)	kg	510(570)	
Sound Power Level			
7m dB(A) 1500rpm(min <sup>-1</sup> ) <sup>*1</sup>		62	

\* Depending on location and area, output voltage may differ from values listed in catalog.

\* The power output rating is in accordance with ISO8528.

\*1 Sound level reflects high-speed no-load operation and is calculated by averaging the measurements at four points, each 7 meters from the source.

## Dimensional Outline Drawing



Direct inquiries to the nearest Denyo distributor or to Denyo co.,Ltd.

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