

Silent Type Engine Generator

SDG800S-3A6



Main Features

◆ **High voltage stability**

High voltage stability Preset Voltage Regulation within $\pm 0.5\%$.

Suitable for wide range of non-linear load such as inverter, thyristor, computer and precision instruments.

◆ **Made in Japan Quality - Economical and reliable**

Engineered and assembled in Japan.

Designed for all weather conditions.

Reliable diesel engines with low fuel consumption manufactured by leading Japanese brands are used.

◆ **Parallel system**

These models are equipped with a manual system of parallel operation, in addition, it is possible to install an automatic system of parallel operation.

HOKUETSU INDUSTRIES CO., LTD.

■ SPECIFICATION

GENERATOR

Type	Dual Voltage (Manual parallel)
Frequency	50 / 60 Hz
Prime Output	700 / 800 kVA
Prime Output	770 / 880 kVA
Voltage	200/400 / 220/440 V
Current	2021/1010 / 2100/1050 A
Phase number	3-phase 4 wires
Power factor	3-phase 80 (lagging) / Single-phase 100
Rated rotation speed	1,500 / 1,800 min ⁻¹

ENGINE

Maker/Model	KOMATSU SAA6D170E2-3
Type	Direct-Injection, Turbo-Charged, Intercooled
No. of cylinder	6
Total displacement	23,150 ml
Rated output	613 / 752 kW (834 / 1022 PS)
Rated Speed	1,500 / 1,800 min ⁻¹
Fuel Tank Capacity	490 L
Fuel economy (at 75% load)	112.5 / 127.7 L/hr
Engine oil Capacity	145 L
Engine coolant capacity	153 L
Battery × quantity	225H52×2

DIMENSION & WEIGHT, etc.

LxWxH	5,350×1,900×2,450 mm
Dry weight	9,380 kg
Operating weight	10,060 kg
Sound power level	99 / 102 dB
Sound pressure level	69 / 73 dB(A)

SAFETY DEVICES

	Engine Stops	Breaker Trips	Lamp display
Engine oil pressure drop	○	○	○
Engine water temperature rises	○	○	○
Over speed	○	○	○
Overcurrent or Short circuit		○	○
Reverse power		○	○
Leakage current		○	○
Battery charging failure			○
Air filter clogged			○

CONTROL PANEL

Generator	Digital meter (Power, Current, Voltage, Frequency, Phase display) Display changeover button Voltage adjuster switch Frequency selection switch, Frequency adjuster, Leakage relay Bearing thermometer Stator thermometer Circuit breaker (3 phase & single phase) Circuit breaker button (on & off) Synchronizing switch & indicator light
Engine	Starter switch, Speed control switch, Hour meter, Engine oil pressure gauge, Engine oil temperature gauge, Coolant temperature gauge, Fuel gauge, Glow lamp, Warning lamps, Panel light



OPERATION PANEL

AIRMAN®

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SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.



ISO9001 : JQA-0581
ISO14001 : JQA-EM4670