

Denyo®

Power Source Technology for the Future

Diesel Engine-Driven Generators and
Welders for the European Market





Developing
Technology
for Tomorrow's
Power Needs

Denyo : Making a Difference on Worksites Worldwide

We use electricity every day, taking it for granted. However, there are a surprising number of situations in which electricity supplied by the power company cannot be used or when there is not enough electricity, such as on construction sites, during disasters, and in developing countries. At such times, we supply as much electricity as is needed, whenever and wherever. And we meet the expectations of customers around the world. Taking this as its mission, Denyo has been working to develop better products ever since its foundation.



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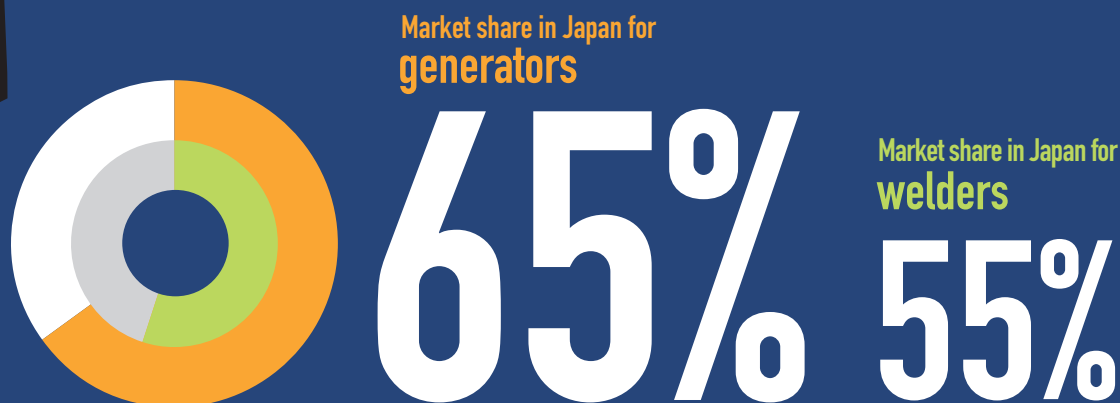
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Denyo's Strengths

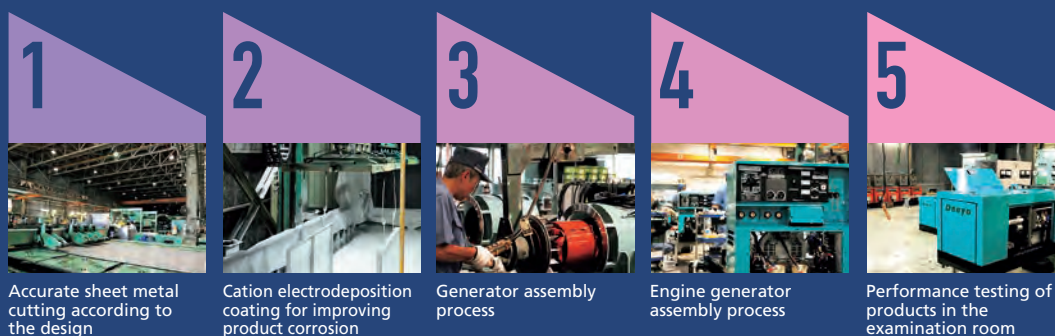
01



Boasting a high share of the Japanese market, Denyo is a leading company in outdoor power sources

Since its establishment in 1948, Denyo has firmly created its own technology, including the release of high-performance, engine-driven generators featuring excellent energy savings and the commercialization of Japan's first small, lightweight engine-driven welders, and has launched a succession of products specialized for use in outdoor locations without sources of power. As a result, today Denyo has grown into a leading company in outdoor power sources, with a market share of 65% in Japan for engine-driven generators, our main product, and 55% of the market for engine-driven welders.

02



Quality products that come from thorough start-to-finish production from design to product finishing

One reason we can create such high-quality products is our thoroughly integrated production of everything besides the engines, from design and manufacture of machine parts to assembly and finishing. Integrated production also enables us to provide products that truly meet customers' individual needs by rapidly manufacturing made-to-order products.

We carefully manufacture generator coils from a single wire.



Winding of copper wire to the rotor by automatic winding machine



Varnishing of rotors for protection against earthquakes, corrosion and harmful substances

03

130

Countries

Our products are used in 130 countries worldwide.

Featuring excellent reliability and durability, high sound insulation, and supplying quality electricity, Denyo's generators are used not only as power sources on construction sites but also as precious sources of power for daily life in developing countries and sparsely populated deserts, isolated islands, and mountainous areas not reached by electricity. They are also used as power sources for events and as backup power sources in times of disaster and power outages. Thus far, our generators have helped people throughout the world, having been selected in important situations, for example, by customers as the power source for Singapore's Independence Day ceremonies and for reconstruction of the areas affected by the major earthquake in Haiti.



04



We develop environmentally friendly products.

In recent years environmental regulations have become increasingly strict, as countries around the world have become concerned about air pollution and the effects on human health caused by the gases emitted from automobiles and construction machinery. Denyo was quick to work on improving environmental performance and has assembled a line of environmentally friendly engine-driven generators, including DCA-45ESEK, 45USEK, and 125USEI, which have cleared Stage IIIA (the strictest exhaust gas regulation in Europe), and the DCA-US Series (Ultra Silent Series), in which we achieved a low noise level on a par with a quiet office.

HIGH-PERFORMANCE

The Denyo generating system guarantees the following levels of performance:

TEMPERATURE RISE

100 temperature rise at 40 ambient (JEC2130).

INSULATION

ClassF (JEC2130).

VOLTAGE REGULATION

Within $\pm 0.5\%$ (except DCA-400ESEI)

FREQUENCY REGULATION

Within 5.0% through no-load to full-load.

VOLTAGE WAVEFORM

Deviation Factor of open-circuit terminal voltage does not exceed 0.06.
Telephone Influence Factor (TIF) is less than 50.

ELECTROMAGNETIC INTERFERENCE LEVEL

Attenuated to meet most commercial requirements.

INSULATION RESISTANCE

Higher than 3 Mega-ohms, measured between armature windings and earth, field windings and earth, field control circuit and earth.

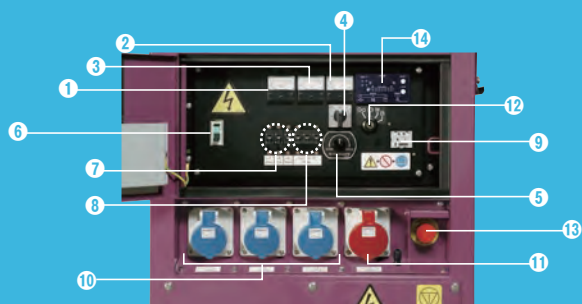
- The innovative excitation system* fitted on all models, in conjunction with the AVR and advanced brushless generator, provides fast voltage regulation in response to load variations, enabling use soon after start up. This system provides output stability during load variations.

*U.S. Patent No. 4268788

- Synchronous brushless alternator for minimal wear.
- Designed to function in all climatic

Control Panel with Outstanding User-Friendliness

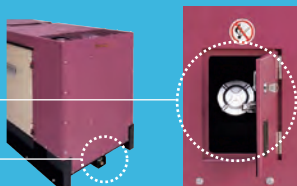
Denyo's generators feature a functional panel layout that can be easily operated even by first-timers.



- 1 FREQUENCY METER 2 AC AMMETER 3 AC VOLTMETER 4 AMMETER CHANGE OVER SWITCH 5 VOLTAGE REGULATOR 6 Circuit Breaker (For main) 7 CIRCUIT BREAKER (For 1-Phase Receptacle) 8 CIRCUIT BREAKER (For 3-Phase Receptacle) 9 EARTH LEAKAGE RELAY 10 1-PHASE RECEPTACLE 11 3-PHASE RECEPTACLE 12 STARTER SWITCH 13 EMERGENCY STOP BUTTON 14 ENGINE MONITOR

Consideration for the Global Environment

- Compliant with the EU's exhaust gas regulations (Stage III).
- Comes with an environmental base to catch spilled fuel and oil and stop it from leaking out of the generator (accumulated fuel and oil can be discharged through a drain with a single touch).
- The fill opening features a structure that prevents fuel from leaking outside the generator even if it is spilled when fueling.



Excellent Maintainability

Routine maintenance is easy with Denyo's generators. Engine oil, the battery, and coolant are all checked at one location. When conducting repairs or maintenance, the fuel tank comes in and out easily for cleaning by removing the front cover. The radiator can also be cleaned easily.



Consideration for Safety

- Breakers compliant with CE marking.
- Warning lamp indicates on the engine monitor when something is wrong or automatically shuts the engine down.
- Emergency stop button.



Quiet Operation

Noise comparison (7m/no load) Unit: dB(A)

Residential area at night	40
Quiet office	50
DCA-US Series	51-56
Voice during normal conversation	60
DCA-ES Series	58-65
Typical office	70
Inside a train	80
Noisy factory	90
Under a girder bridge	100

Denyo's generators run quietly thanks to the Company's original soundproofing technology. The Ultra Soundproof Type in particular features a low-noise engine, low-noise fan, the addition of a silencer, and special structures such as changes to the hood shape, which create a low noise level similar to that of a quiet office.

DA-6000SSEK



TLG-18ESEK



MODEL	1-PHASE TYPE (2-POLE)		3-PHASE TYPE (2-POLE)	
	DA-6000SSEK		TLG-18ESEK	

AC Generator

Frequency	Hz	50	50
Output Rating	Continuous kVA	5.5	15
	Standby kVA	6.1	16.5
No. of Phases	Single Phase 2-wire		3-Phase, 4-Wire
Rated Voltage	V	220	380 / 400 / 415
Power Factor		1.0	0.8 (Lagging)
Voltage Regulation	%	Within ± 6.0	Within ± 1.5
Excitation	Brushless rotating exciter (with AVR)		
Insulation	Class F		

Engine (4-cycle, water-cooled diesel engine)

Model	Kubota Z482-B		Kubota D1005-B
Type	Swirl chamber type		
Rated Output	kW	6.5	16.5
Rated Speed	rpm	3000	3000
No. of Cylinders-Bore \times Stroke	mm	2-67 \times 68	3-76 \times 73.6
Displacement	L	0.479	1.001
Fuel	ASTM No.2 diesel fuel or equivalent		
Fuel Tank Capacity	L	25	42
Fuel Consumption	L/h	1.8	3.8
Lube Oil Capacity	L	2.05	5.1
Coolant Capacity	L	2.75	4.7
Battery \times Quantity	12V-45Ah \times 1		12V-45Ah \times 1

Dimensions, Weight and Sound Power Level

Dimensions	Length	mm	1140	1400
	Width	mm	650	720
	Height	mm	795	770
Dry Weight	kg		240	437
Sound Power Level	LWA dB		87	91

- Continuous output rating applies to operation under standard conditions as per JIS B8014.
- Standby output rating applies to intermittent or emergency operation for approximately 1 hour as per JIS B8014.
- Fuel consumption is based on operation at 75% load.
- Sound level reflects 100% rated load and is calculated by averaging the measurements at four points, each 7 meters from the source.
- Colors of products would be different from printed ones of catalogues.
- Specifications given herein are subject to change without notice.

Engine-Driven Generators

4-Pole Generators | Soundproof Type |

DCA-25ESEK



DCA-35ESEK



DCA-45ESEK



MODEL	3-PHASE TYPE (Sound Proof)				
	DCA-15ESEK	DCA-25ESEK	DCA-35ESEK	DCA-45ESEK	DCA-60ESEK

AC Generator

Frequency		Hz	50	50	50	50	50
Output Rating	Continuous	kVA	12.5	20	30	37	50
	Standby	kVA	13.8	22	31.5	40.7	55
No. of Phases			3-Phase, 4-Wire				
Rated Voltage		V	380 / 400 / 415				
Power Factor			0.8 (Lagging)				
Voltage Regulation		%	Within ± 0.5				
Excitation			Brushless rotating exciter (with AVR)				
Insulation			Class F				

Engine (4-cycle, water-cooled diesel engine)

Model	Kubota D1703-E2B	Kubota V2203-E2B	Kubota V3300-E2B	Kubota V3800	Kubota V3800	
Type	Swirl chamber type			Direct injection, turbocharged, cooled EGR	Direct injection, turbocharged with after cooler	
Rated Output	kW	12.4	18.4	28.3	38	47.8
Rated Speed	rpm	1500	1500	1500	1500	1500
No.of Cylinders-Bore × Stroke	mm	3-87 × 92.4	4-87 × 92.4	4-98 × 110	4-100 × 120	4-100 × 120
Displacement	L	1.647	2.197	3.318	3.769	3.769
Fuel	ASTM No.2 diesel fuel or equivalent					
Fuel Tank Capacity	L	62	62	82	100	125
Fuel Consumption	L/h	2.8	3.9	5.9	6.99	8.8
Lube Oil Capacity	L	5.6	7.9	13.2	13.2	13.2
Coolant Capacity	L	6.4	7.6	10.5	10.9	12.0
Battery × Quantity		12V-65Ah × 1	12V-65Ah × 1	12V-70Ah × 1	12V-70Ah × 1	12V-70Ah × 1

Unit

Dimensions	Length	mm	1390	1540	1900	1900	2200
	Width	mm	650	650	860	880	1000
	Height	mm	1050	1050	1130	1400	1350
Dry Weight	kg		565	640	950	1100	1270

Sound Power Level

Sound Power Level	LWA dB	88	85	89	89	89
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- Continuous output rating applies to operation under standard conditions as per JIS B8014.
- Standby output rating applies to intermittent or emergency operation for approximately 1 hour as per JIS B8014.
- Fuel consumption is based on operation at 75% load.
- Sound level reflects 100% rated load and is calculated by averaging the measurements at four points, each 7 meters from the source.
- Colors of products would be different from printed ones of catalogues.
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4-Pole Generators | Soundproof Type |

DCA-70ESEI



DCA-125ESEI



DCA-220ESEI



MODEL	3-PHASE TYPE (Sound Proof)				
	DCA-70ESEI	DCA-125ESEI	DCA-180ESEI	DCA-220ESEI	DCA-400ESEI

AC Generator

Frequency	Hz	50	50	50	50	50
Output Rating	Continuous kVA	60	100	150	200	350
	Standby kVA	66	110	165	220	385
No. of Phases		3-Phase, 4-Wire				
Rated Voltage	V	380 / 400 / 415				
Power Factor		0.8 (Lagging)				
Voltage Regulation	%	Within ± 0.5				Within ± 1.0
Excitation		Brushless rotating exciter (with AVR)				
Insulation		Class F				

Engine (4-cycle, water-cooled diesel engine)

Model		Isuzu 4JJ1	Isuzu 4HK1	Isuzu 6HK1	Isuzu 6UZ1	Isuzu 6WG1
Type		Direct injection, turbocharged with after cooler			Direct injection, turbocharged with after cooler	
Rated Output	kW	52.9	91.6	133	203	309
Rated Speed	rpm	1500	1500	1500	1500	1500
No. of Cylinders-Bore \times Stroke	mm	4-95.4 \times 104.9	4-115 \times 125	6-115 \times 125	6-20 \times 145	6-147 \times 154
Displacement	L	2.999	5.193	7.790	9.839	15.681
Fuel		ASTM No.2 diesel fuel or equivalent				
Fuel Tank Capacity	L	150	250	300	460	490
Fuel Consumption	L/h	8.3	17.1	25.9	33.1	57
Lube Oil Capacity	L	17.0	23.0	40.5	41	55.0
Coolant Capacity	L	12.0	20.2	27.8	54	60
Battery \times Quantity		12V-110Ah \times 1	12V-150Ah \times 1	12V-100Ah \times 2	12V-150Ah \times 2	12V-200Ah \times 2

Unit

Dimensions	Length	mm	2400	3100	3500	3790	4620
	Width	mm	1000	1140	1200	1450	1450
	Height	mm	1550	1650	1700	2000	2200
Dry Weight	kg		1530	2210	2760	3870	5460

Sound Power Level

Sound Power Level	LWA dB	93	93	95	96	97
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- Continuous output rating applies to operation under standard conditions as per JIS B8014.
- Standby output rating applies to intermittent or emergency operation for approximately 1 hour as per JIS B8014.
- Fuel consumption is based on operation at 75% load.
- Sound level reflects 100% rated load and is calculated by averaging the measurements at four points, each 7 meters from the source.
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Engine-Driven Generators

4-Pole Generators | Large-capacity Fuel tank Type *Optional Model |

DCA-25ESEK

Large-capacity Fuel tank Type



DCA-45ESEK

Large-capacity Fuel tank Type



MODEL	3-PHASE TYPE (Sound Proof)	
	DCA-25ESEK	DCA-45ESEK

AC Generator

Frequency	Hz	50	50
Output Rating	Continuous kVA	20	37
	Standby kVA	22	40.7
No. of Phases		3-Phase, 4-Wire	
Rated Voltage	V	380 / 400 / 415	
Power Factor		0.8 (Lagging)	
Voltage Regulation	%	Within ± 0.5	
Excitation		Brushless rotating exciter (with AVR)	
Insulation		Class F	

Engine (4-cycle, water-cooled diesel engine)

Model		Kubota V2203-E2B	Kubota V3800
Type		Swirl chamber type	Direct injection, turbocharged, cooled EGR
Rated Output	kW	18.4	38
Rated Speed	rpm	1500	1500
No. of Cylinders-Bore \times Stroke	mm	4-87 \times 92.4	4-100 \times 120
Displacement	L	2.197	3.769
Fuel		ASTM No.2 diesel fuel or equivalent	
Fuel Tank Capacity	L	100	170
Fuel Consumption	L/h	3.9	6.99
Lube Oil Capacity	L	7.9	13.2
Coolant Capacity	L	7.6	10.9
Battery \times Quantity		12V-65Ah \times 1	12V-70Ah \times 1

Unit

Dimensions	Length	mm	1820	2180
	Width	mm	690	880
	Height	mm	1320	1680
Dry Weight	kg		740	1280

Sound Power Level

Sound Power Level	LWA dB	85	89
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- Continuous output rating applies to operation under standard conditions as per JIS B8014.
- Standby output rating applies to intermittent or emergency operation for approximately 1 hour as per JIS B8014.
- Fuel consumption is based on operation at 75% load.
- Sound level reflects 100% rated load and is calculated by averaging the measurements at four points, each 7 meters from the source.
- Colors of products would be different from printed ones of catalogues.
- Specifications given herein are subject to change without notice.

4-Pole Generators | Ultra Soundproof Type |

DCA-25USEI



DCA-45USEK



DCA-125USEI



MODEL	3-PHASE TYPE (Ultra Sound Proof)				
	DCA-25USEI	DCA-45USEK	DCA-60USEK	DCA-70USEI	DCA-125USEI

AC Generator

Frequency	Hz	50	50	50	50	50
Output Rating	Continuous kVA	20	37	50	60	100
	Standby kVA	22	40.7	55	66	110
No. of Phases		3-Phase, 4-Wire				
Rated Voltage	V	380 / 400 / 415				
Power Factor		0.8 (Lagging)				
Voltage Regulation	%	Within ± 0.5				
Excitation		Brushless rotating exciter (with AVR)				
Insulation		Class F				

Engine (4-cycle, water-cooled diesel engine)

Model		Isuzu 4LE2	Kubota V3800	Kubota V3800	Isuzu 4JJ1	Isuzu 4HK1
Type		Direct injection, type	Direct injection, turbocharged cooled EGR	Direct injection, turbocharged with after cooler	Direct injection, turbocharged with after cooler	Direct injection, turbocharged with after cooler
Rated Output	kW	19.1	38	47.8	52.9	96.3
Rated Speed	rpm	1500	1500	1500	1500	1500
No. of Cylinders-Bore \times Stroke	mm	4-85 \times 96	4-100 \times 120	4-100 \times 120	4-95.4 \times 104.9	4-115 \times 125
Displacement	L	2.179	3.769	3.769	2.999	5.193
Fuel		ASTM No.2 diesel fuel or equivalent				
Fuel Tank Capacity	L	92	170	125	150	250
Fuel Consumption	L/h	3.5	6.74	8.7	8.6	16.7
Lube Oil Capacity	L	8.5	13.2	13.2	15.0	20.5
Coolant Capacity	L	6.4	9.4	11.0	6.0	22
Battery \times Quantity		12V-65Ah \times 1	12V-70Ah \times 1	12-70Ah \times 1	12V-110Ah \times 1	12V-150Ah \times 1

Unit

Dimensions	Length	mm	1770	2010	2400	2500	3050
	Width	mm	790	950	1000	1000	1240
	Height	mm	1170	1470	1550	1605	1800
Dry Weight	kg		785	1200	1560	1690	2460

Sound Power Level

Sound Power Level	LWA dB	80	81	83	84	88
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- Continuous output rating applies to operation under standard conditions as per JIS B8014.
- Standby output rating applies to intermittent or emergency operation for approximately 1 hour as per JIS B8014.
- Fuel consumption is based on operation at 75% load.
- Sound level reflects 100% rated load and is calculated by averaging the measurements at four points, each 7 meters from the source.
- Colors of products would be different from printed ones of catalogues.
- Specifications given herein are subject to change without notice.

Engine-Driven Welders

Praised for their stable welding performance with little reduction in voltage as a result of their durability and drooping characteristic, Denyo's engine-driven welders are found in use in countries throughout the world. They can even be used as high-performance engine-driven generators. Equipped with idle-control systems that reduce fuel consumption, Denyo's welders provide excellent economic efficiency.

DAW-300SSEK



DLW-300ESEW



Exceptional Welding Performance

- A built-in high-performance generator ensures a stable supply of welding current. This enables outstanding welding performance with an extremely long arc and little arc interruption with the welding electrode.
- The Arc Force Regulator allows users to adjust the short cut current according to the application (excluding the DAW-300SSEK).

"Soft": Enables smooth vertical and pipe welding.
"Hard": Enables a smooth arc start.



Economic Efficiency

Fuel consumption can be reduced with e-mode, which controls engine revolutions, making them more efficient.

DAW-300SSEK

DAW-300SSEK is a non-step automatic control with a microcomputer that assures optimum engine revolutions under any load conditions, with slow-down (low-speed) revolutions.



DLW-300ESEW, 400ESEW

When welding work starts or the equipped AC Generator starts to operate, the welder works at high-speed mode, and when the unloaded condition of current is applied, the machine operates at low-speed mode.

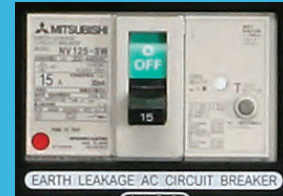


Environmentally Friendly

- Equipped with environmentally friendly clean engines, Denyo's welders are compliant with the EU's exhaust gas regulations (Stage II).

Safety

- Equipped with an emergency stop button
- Equipped with an earth leakage relay
- A warning lamp notifies users when an abnormality has occurred (drop in oil pressure, rise in water temperature, poor battery charge).



Maintainability

- Denyo's welders provide "one-side maintenance" in which daily checks and maintenance can be performed just by opening a single door.



MODEL		DAW-300SSEK	DLW-300ESEW		DLW-400ESEW	
			Full-range Operation	e-mode Operation	Full-range Operation	e-mode Operation
DC Welding Output						
Rated Output	kW	8.74	7.9	4.22	10.96	7.1
Rated Current	Single A	280	260	160	330	240
	Dual A	-	130	80	165	120
Rated Voltage	Single V	31.2	30.4	26.4	33.2	29.6
	Dual V	-	25.2	23.2	26.6	24.8
Current Range	Single A	30 ~ 300 (2200 ~ 3000min ⁻¹)	60 ~ 280	60 ~ 160	60 ~ 380	60 ~ 240
	Dual A	-	30 ~ 140	30 ~ 80	30 ~ 190	30 ~ 120
Rated Speed	Single min ⁻¹	3000	3000	2200	3000	2200
	Dual min ⁻¹	-	3000	2200	3000	2200
Rated Duty Cycle	Single %	50	50	100	60	100
	Dual %	-	50	100	60	100
Applicable Electrode	Single mm	2.0 ~ 6.0	2.0 ~ 6.0	2.0 ~ 4.0	2.0 ~ 8.0	2.0 ~ 5.0
	Dual mm	-	2.0 ~ 3.2	2.0 ~ 2.6	2.0 ~ 4.0	2.0 ~ 3.2

3-Phase AC Power Output

Rated Output	kVA	-	9.9	13.2
Rated Voltage	V	-	380	380
Rated Current	A	-	15	20
Rated Speed	min ⁻¹	-	3000	
Frequency	Hz	-	50	
Power Factor		-	0.8	
Rating		-	Continuous	

1-Phase AC Power Output

Rated Output	kVA	3	3.3 × 2
Rated Voltage	V	220	220
Rated Current	A	13.6	15 × 2
Frequency	Hz	-	50
Power Factor		-	1
Rating		-	Continuous

Engine (4-cycle, water-cooled diesel engine)

Model	Kubota D722	Kubota D905	Kubota D1005
Type	Vertical, 4-cycle, water-cooled diesel engine, swirl chamber type		
Rated Output	11.7	14.7	16.5
Rated Speed	3000		
No. of Cylinders-Bore × Stroke	3-67 × 68	3-72 × 73.6	3-76 × 73.6
Displacement	0.719	0.898	1.001
Fuel	ASTM No.2 diesel fuel or equivalent		
Fuel Tank Capacity	19	36	42
Fuel Consumption	2.1	2.33	3.24
Lube Oil Capacity	3.76	5.1	5.1
Coolant Capacity	3.8	4.7	4.7
Battery × Quantity	12V-45Ah × 1 (55B24L)		

Dimensions, Weight and Sound Power Level

Dimensions	Length × Width × Height mm	1270 × 680 × 740	1410 × 680 × 770	1520 × 720 × 770
Dry Weight	kg	310	415	470
Sound Power Level	LWA dB	90	89	92

● Rated welding load at rated duty cycle. e-mode data is calculated by rated duty cycle at full-range operation.

● Sound level reflects 100% rated load and is calculated by averaging the measurements at six points, each 4 meters from the Source center.

Global Network

Denyo Group



Denyo Europe B.V.
Naamrijk 1, 3454 PX De Meern,
The Netherlands



Denyo Vietnam Co., Ltd.
Plot A3, Thang Long Industrial Park II,
Lieu, Xa Commue, Yen My District,
Hung Yen Province, Vietnam



Denyo United Machinery Pte. Ltd.
Denyo Asia Pte. Ltd.
NO.9 Neythal Road Singapore 628614

Corporate Information

Company Outline



Denyo Head Office, Tokyo Japan

Company Name

Denyo Co., Ltd.

Representative

Shoichi Shiratori, President

Established

July 2, 1948

Head Office

2-8-5, Nihonbashi-horidomecho, Chuo-ku, Tokyo 103-8566, Japan

Paid-in Capital

¥1,954 million

Fiscal Year-End

March 31

Plants

Fukui and Shiga, Japan

Number of Issued Shares

25,359 thousand

Business Lines

Manufacture and sales of engine-driven generators, welders,
air compressors and other special machinery



Denyo Fukui Plant



P.T. Dein Prima Generator
JL. Raya Bekasi Km. 28, Medan Satria,
Bekasi 17132 Jawa Barat, Indonesia



Denyo America Corporation
Denyo Manufacturing Corporation
1450 Minor Road, Danville,
Kentucky, 40422 U.S.A.

Brief History

July 1948	Established Japan Power Welding Machine Co., Ltd.
March 1959	Developed and manufactured high-speed engine-driven welders
December 1961	Began to manufacture engine-driven generators
February 1966	Developed sound-proof generators and began production of sound-proof engine-driven generators and welders
July 1966	Changed the corporate name to Denyo Co., Ltd.
July 1970	Completed construction on the Shiga Plant
March 1976	Established a joint venture, P.T. Denyo Indonesia
April 1976	Completed construction on the Fukui Plant
February 1983	Denyo was listed on the Second Section of the Tokyo Stock Exchange
December 1992	Established a U.S. subsidiary, Denyo America Corporation
August 1995	Established a joint venture, Denyo Manufacturing Corporation in the United States
December 1997	Received ISO 9001 certification for the Fukui Plant
March 2000	Listed on the First Section of the Tokyo Stock Exchange
July 2000	Established a Singapore subsidiary, Denyo Asia Pte. Ltd.
December 2006	Moved its head office to Nihonbashi-horidomecho in Tokyo
October 2007	Established Denyo Europe B.V. in the Netherlands
July 2009	Merged with Denyo Techno Services Co., Ltd. and Denyo Trading Co., Ltd.
May 2010	Established a Vietnamese subsidiary, Denyo Vietnam Co., Ltd.



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<http://www.denyo.co.jp/English>

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