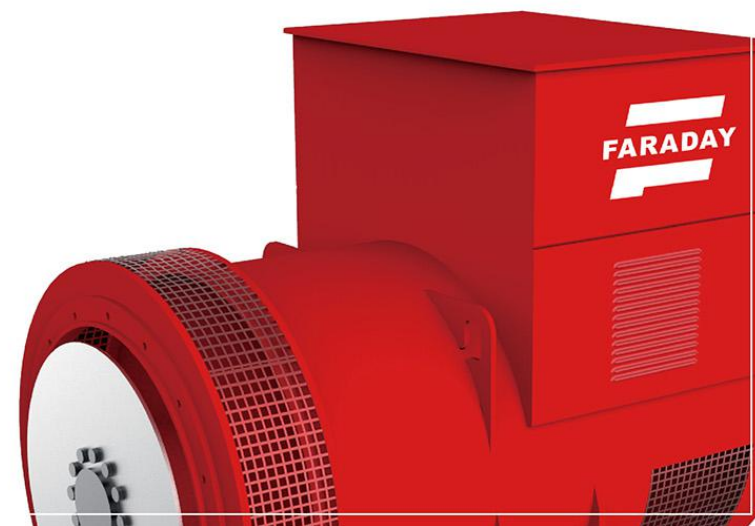
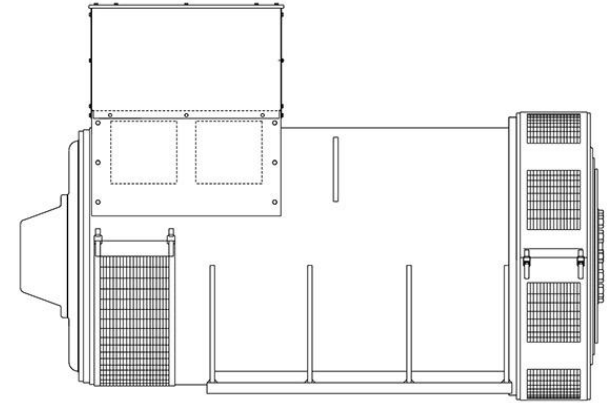




WUXI FARADAY ALTERNATORS CO.,LTD.

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Website: www.faradaygenerator.com





Creating **permanent value**
for high-end customer by
excellent quality and perfect service



Catalogue

WUXI FARADAY ALTERNATORS CO.,LTD.

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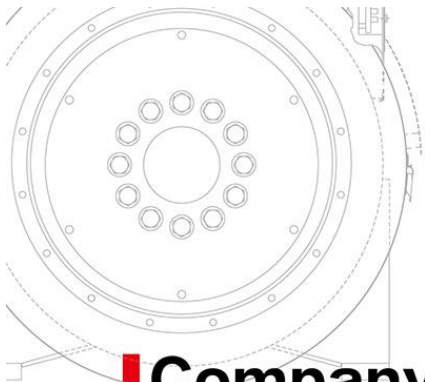
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Company Profile

Wuxi Faraday alternators Co.,Ltd is specialized in high efficiency, high reliability, high and low voltage series brushless AC alternator manufacturer, and integrate world's leading alternator technology with the international advanced management system applied to product customization, research and development, marketing and application, global service network building. Faraday is an excellent partner of worldwide renowned generators manufacturer, marine equipment business, oil and gas field equipment business, military products manufacturers, construction machinery manufacturers and other power products industries.

The Power rang:

- Low voltage alternators (6.5KW to 3000KW)
- High voltage alternators (400KW to 5000KW)
- Medium speed alternators (240KW to 2000KW)
- Marine alternatoes (12KW to 2000KW)

Business philosophy: Integrity of entrepreneurship, In pursuit of employee satisfaction, customer satisfaction and social satisfaction for lifelong goal.

Development Strategy: To make sure quality with regulation, creat brand with quality, persure development with brand.

Management staff: Our senior management have many years multinational service experience in producing brushless alternator. They accumulated a wealth of leading experience, such as market services, products technology, materials and quality control ect. Our staff are engaged in production for many years as experts, and good testing and workshop production of high-grade brushless alternators

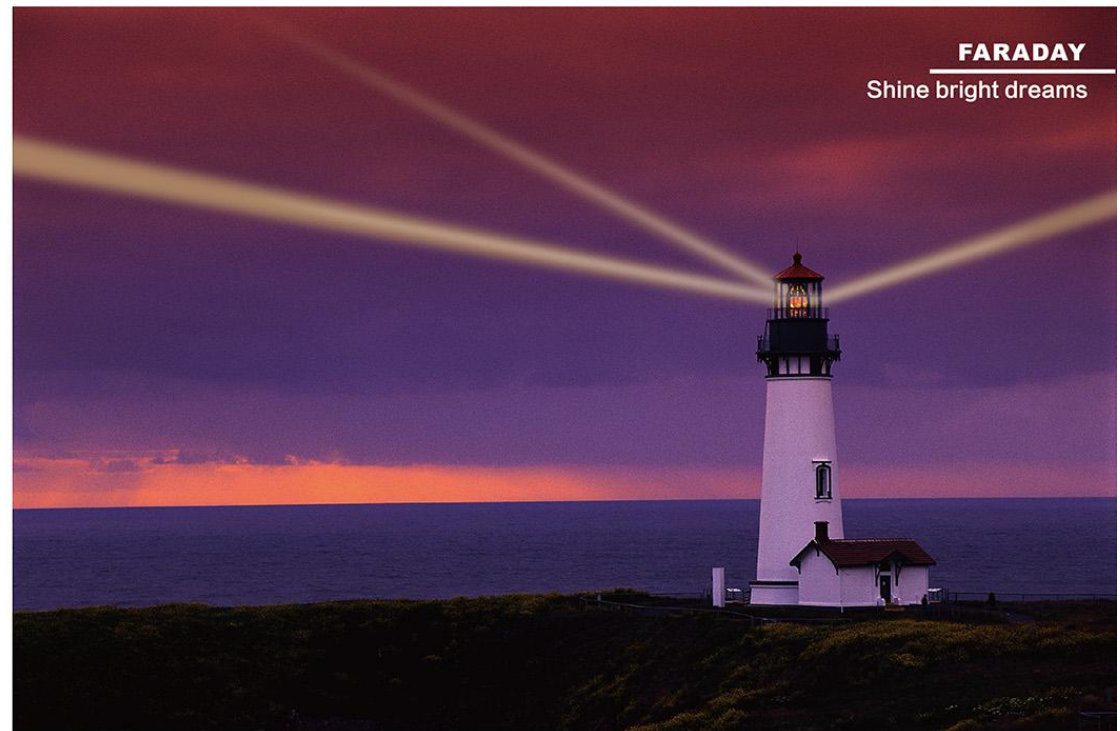
Product Features: Faraday alternators' manufacturing technology in accordance with world-class technology, combined with practical application on the basis of feedback to improve innovation, Overcame the common vulnerability failure in AC brushless alternators' AVR and exciter. Compact design, small size, light weight and patented, suitable for Class H insulation of high-grade alternators even working in evil environment.

Core Competitiveness: Professional staff, advanced concepts, first-class technology, reliable quality and timely services, these will be the core competitiveness of Faraday alternator.

FARADAY

FARADAY

Shine bright dreams



Qualification



Elite team

The company implemented scientific management mode, the use of ISO9001:2008 GB / T19001-2008 quality management system, Implementation of 6S management and lean production. We have an excellent team, including engineering and technical personnel and quality management personnel, with good management foundation and technology.



Manufacturing strength

With the excellent choice of materials, Faraday has been superb manufacturing technology to create high-quality alternators, Which have attracted domestic and oversea.



Stator winding



Make sure that each products through rigorous testing



Faraday use the high quality enameled copper wire

High strength and after quenching and tempering treatment shaft



Low loss and high quality silicon steel stator



VPI impregnation equipment



Low loss and high quality silicon steel rotor

Varnish filling amount anatomical physical map. Faraday used the imported insulation material to insure that generator mechanical and electrical insulation at the highest level



Marine Alternator



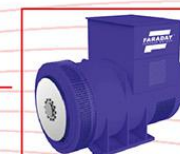
High Speed Alternator



High Voltage Alternator



DC Generator



Medium Speed Alternator



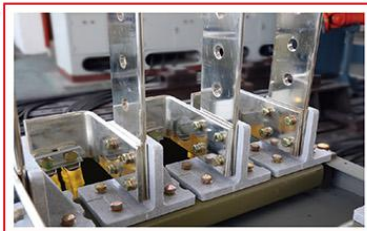
The alternator test center :

Faraday has the industry-leading alternator testing equipment, type testing platform which for different voltage, frequency, power alternator to have a integrated performance test.To ensure that the Faraday alternator performance and meet the requirements of national standards.



All alternator rotors through high-precision balancing and the vibration is lower than the minimum vibration that level 2.5,f first part of the BS6861 provisions.

Terminal block through the patent application, it is convenient for special connection of the user.



Double strength, zero gap, corona resistant, anti-fog and moisture high voltage insulation systems.



Electrical Characteristics



1. Voltage Regulation

Voltage regulation is to allow the engine speed at less than 4% fluctuation, the power factor is between 0.8 and 1, the voltage change from no load to full load (including cold to hot variations). Available to adjust the voltage by a spinner on AVR. All of the AVR voltage regulation rates is less than $\pm 1\%$

2. "H" Insulation class

All around the system components are used specially developed materials and the use of special vacuum impregnation process, to provide protection for the alternator to run in harsh environments. Specially developed resin-based material for the coil and each of the rotary member provides high strength and high mechanical strength processing.

3. Winding and electrical performance

All alternator use 2/3 pitch windings, can effectively eliminate the third harmonic voltage or harmonic multiples of three (3rd, 9th, 15th), it's the best design of non-linear loads uninterruptible power supply. The 2/3 pitch structure is suppressed and sometimes larger coil pitch will produce excessive neutral currents when in parallel with the grid.

4. Radio Interference

Brushless apparatus and quality AVR ensure little radio interference during transmission. If desired, can be additionally provided separate suppressing means. THF (BS EN 60034-1 as defined above) is less than 2%. TIF (As defined NEMA Mg1-22) less than 50%.

5. Terminals and junction boxes

Standard three-phase four-wire alternators, and can lead to terminals 12 terminals reconnection, terminals installed in non-drive end of the alternator outlet plate. In the terminal box there AVR, with enough space to allow users cabling. For ease of operation, the panel is detachable faceplate.

Ambient temperature and altitude conditions

The ambient environment temperature of industrial alternator not exceed 40°C, and the altitude should not exceed 1000 meter.

When exceed the two above conditions, the altitude above 1000 meter, every 500 meters higher power decreased by 3%; when altitude exceed 4000 meter please seek advice from faraday factory. The ambient temperature exceed 40°C, every 5°C higher power decreased by 3%; when ambient temperature exceed 60°C please seek advice from faraday factory.

The ambient environment temperature of marine alternator not exceed 50°C

The ambient temperature exceed 50°C, every 5°C higher power decreased by 3%; when ambient temperature exceed 60°C please seek advice from faraday factory.

Application

Faraday alternators can be widely used in different fields, such as industrial, mining, waste heat power generation, construction, communication, ocean operation and so on. Even in the harshest environments, Faraday alternator can be used as the main power supply or standby power source to provide a very reliable power.



Service support

The promise of three packet service for 2 years based on an excellent service and industry solution team who have been engaged in alternator field for over ten years. Within 12 hours to be on the spot in Jiangsu province and 48 hours in nationwide is available if necessary.

Training and spare parts

Senior alternator expert customized all-round training according to the actual needs. Especially, we are committed to global spare parts support for up to 15 years for use FARADAY brand users. Creating permanent value for high-end customer by excellent quality and perfect service.

F	D	(I)	(G)	3	F	1	-	4
F	D	M	(G)	6	C	2	-	4
F	D	Z	(G)	3	F	1	-	4

Alternator Type

Industrial=I, Marine=M, DC=Z

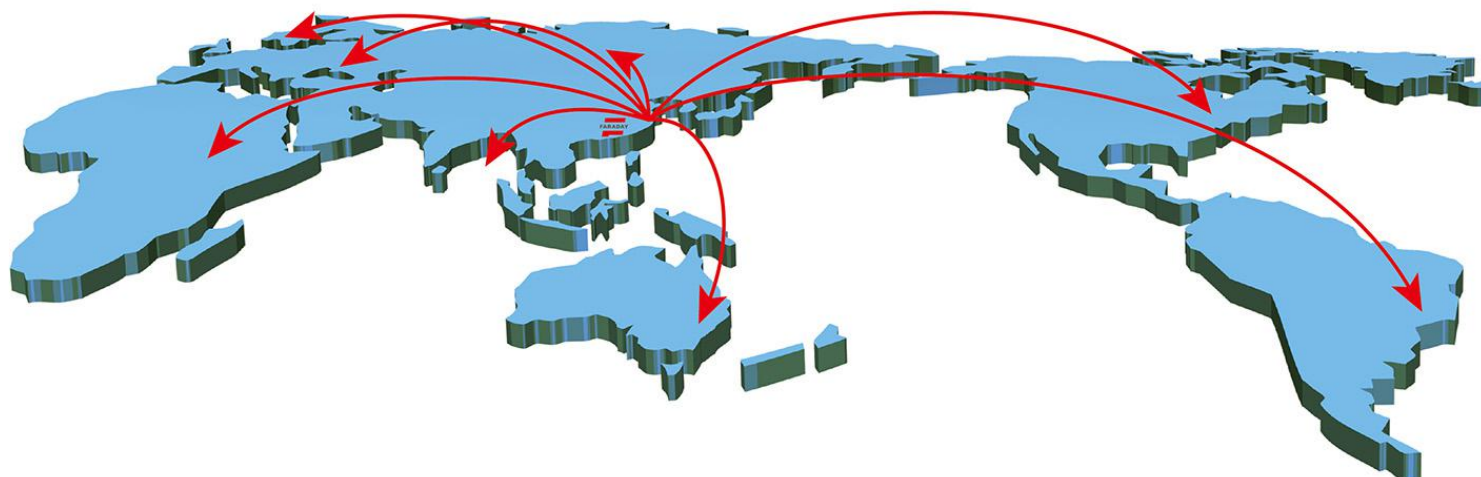
Cylindrical Alternator

Frame Size

Core Length

Bearing : 1 = One Bearing, 2 = Two Bearing

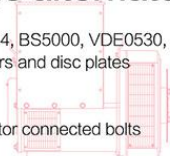
Pole Number: 2/4/6/8



Parameters of FD1 2P low voltage alternator

Standard feature:

- Comply with the most common standard in terms of GB755, IEC60034, BS5000, VDE0530, CSA22.2-100
- Single or double bearings are available, options for all kinds of adaptors and disc plates
- 12-end reconnectable winding terminals to get different voltages
- Standard "H" insulation class
- Convenient installation and maintenance for rotated diodes and adaptor connected bolts
- Standard sealed maintenance-free bearings
- The auxiliary winding excitation system



FD1 2 Pole Three Phase Industrial Alternator							
		50Hz(3000r/min)			60Hz(3600r/min)		
		Class H Temperature Rise (125K 40°C)			Class H Temperature Rise (125K 40°C)		
Voltage(V)	Star series	380	400	415	440	460	480
	Star parallel	190	200	208	220	230	240
	Delta series	220	230	240	254	266	277
	Delta parallel	110	115	120	127	133	139
FD1A-2	Rated KVA	12.5	12.5	12.5	15.6	15.6	15.6
	Rated KW	10.0	10.0	10.0	12.5	12.5	12.5
	Efficiency %	73.7	74.2	74.5	72.8	73.2	73.5
FD1B-2	Rated KVA	15.0	15.0	15.0	18.8	18.8	18.8
	Rated KW	12.0	12.0	12.0	15.0	15.0	15.0
	Efficiency %	76.2	77.0	77.5	75.4	76.2	76.7
FD1C-2	Rated KVA	17.5	17.5	17.5	21.9	21.9	21.9
	Rated KW	14.0	14.0	14.0	17.5	17.5	17.5
	Efficiency %	78.4	79.1	79.5	77.7	78.3	78.9
FD1DS-2	Rated KVA	20.0	20.0	20.0	23.0	23.0	23.0
	Rated KW	16.0	16.0	16.0	18.4	18.4	18.4
	Efficiency %	80.0	80.2	80.5	79.7	79.9	80.1
FD1D-2	Rated KVA	25.0	25.0	25.0	31.3	31.3	31.3
	Rated KW	20.0	20.0	20.0	25.0	25.0	25.0
	Efficiency %	82.0	82.6	83.0	81.5	82.1	82.5
FD1E-2	Rated KVA	30.0	30.0	30.0	35.0	35.0	35.0
	Rated KW	24.0	24.0	24.0	28.0	28.0	28.0
	Efficiency %	82.6	83.1	83.5	81.9	82.4	82.8
FD1F-2	Rated KVA	35.0	35.0	35.0	40.0	40.0	40.0
	Rated KW	28.0	28.0	28.0	32.0	32.0	32.0
	Efficiency %	84.1	84.5	84.8	83.4	83.9	84.2
FD1G-2	Rated KVA	37.5	37.5	37.5	46.9	46.9	46.9
	Rated KW	30.0	30.0	30.0	37.5	37.5	37.5
	Efficiency %	84.8	85.2	85.5	84.3	84.7	85.0

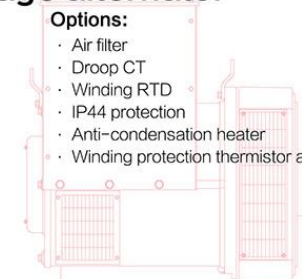
Parameters of FD1 low voltage alternator

Standard feature:

- Comply with the most common standard in terms of GB755, IEC60034, BS5000, VDE0530, CSA22.2-100
- Single or double bearings are available, options for all kinds of adaptors and disc plates
- 12-end reconnectable winding terminals to get different voltages
- Standard "H" insulation class
- Convenient installation and maintenance for rotated diodes and adaptor connected bolts
- Standard sealed maintenance-free bearings

Options:

- Air filter
- Droop CT
- Winding RTD
- IP44 protection
- Anti-condensation heater
- Winding protection thermistor and relay



FD1 4 Pole Three Phase Industrial Alternator							
		50Hz(1500r/min)			60Hz(1800r/min)		
		Class H Temperature Rise (125K 40℃)			Class H Temperature Rise (125K 40℃)		
Voltage(V)	Star series	380	400	415	440	460	480
	Star parallel	190	200	208	220	230	240
	Delta series	220	230	240	254	266	277
	Delta parallel	110	115	120	127	133	139
FD1A-4	Rated KVA	8.1	8.1	8.1	10.2	10.2	10.2
	Rated KW	6.5	6.5	6.5	8.0	8.0	8.0
	Efficiency %	75.6	76.2	76.6	76.3	76.9	77.4
FD1B-4	Rated KVA	11.0	11.0	11.0	13.8	13.8	13.8
	Rated KW	8.8	8.8	8.8	11.0	11.0	11.0
	Efficiency %	78.8	79.4	79.8	79.4	80.0	80.5
FD1C-4	Rated KVA	13.5	13.5	13.5	16.9	16.9	16.9
	Rated KW	10.8	10.8	10.8	13.5	13.5	13.5
	Efficiency %	80.0	80.7	81.0	80.7	81.3	81.7
FD1D-4	Rated KVA	16.0	16.0	16.0	20.0	20.0	20.0
	Rated KW	12.8	12.8	12.8	16.0	16.0	16.0
	Efficiency %	81.0	81.6	81.9	81.7	82.2	82.7
FD1ES-4	Rated KVA	18.8	18.8	18.8	23.0	23.0	23.0
	Rated KW	15.0	15.0	15.0	18.5	18.5	18.5
	Efficiency %	81.7	82.4	83.1	83.1	83.9	84.5
FD1E-4	Rated KVA	22.5	22.5	22.5	28.8	28.8	30.0
	Rated KW	18.0	18.0	18.0	23.0	23.0	24.0
	Efficiency %	84.3	84.9	85.3	84.3	84.9	85.2
FD1F-4	Rated KVA	27.5	27.5	27.5	34.4	34.4	35.0
	Rated KW	22.0	22.0	22.0	27.5	27.5	28.0
	Efficiency %	85.7	86.2	86.5	85.9	86.4	86.7

FD1 4 Pole Three Phase Industrial Alternator

		50Hz(1500r/min)			60Hz(1800r/min)		
		Class H Temperature Rise (125K 40°C)			Class H Temperature Rise (125K 40°C)		
Voltage(V)	Star series	380	400	415	440	460	480
	Star parallel	190	200	208	220	230	240
	Delta series	220	230	240	254	266	277
	Delta parallel	110	115	120	127	133	139
FD1G-4	Rated KVA	31.3	31.3	31.3	37.5	37.5	37.5
	Rated KW	25.0	25.0	25.0	30.0	30.0	30.0
	Efficiency %	86.6	87.0	87.2	87.0	87.3	87.6
FD1J-4	Rated KVA	37.5	37.5	37.5	45.0	45.0	45.0
	Rated KW	30.0	30.0	30.0	36.0	36.0	36.0
	Efficiency %	86.7	87.2	87.4	87.2	87.5	87.8
FD1K-4	Rated KVA	40.0	40.0	40.0	50.0	50.0	50.0
	Rated KW	32.0	32.0	32.0	40.0	40.0	40.0
	Efficiency %	87.3	87.6	87.9	87.8	88.2	88.6



FARADAY
Sail Your Dream

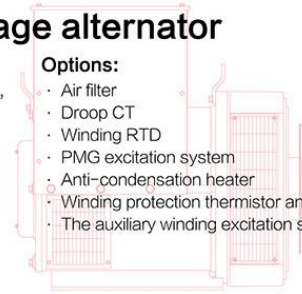
Parameters of FD2 low voltage alternator

Standard feature:

- Comply with the most common standard in terms of GB755, IEC60034, BS5000, VDE0530, CSA22.2-100
- Single or double bearings are available, options for all kinds of adaptors and disc plates
- 12-end reconnectable winding terminals to get different voltages
- Standard "H" insulation class
- Convenient installation and maintenance for rotated diodes and adaptor connected bolts
- Standard sealed maintenance-free bearings

Options:

- Air filter
- Droop CT
- Winding RTD
- PMG excitation system
- Anti-condensation heater
- Winding protection thermistor and relay
- The auxiliary winding excitation system



FD2 4 Pole Three Phase Industrial Alternator

		50Hz(1500r/min)			60Hz(1800r/min)		
		Class H Temperature Rise (125K 40°C)			Class H Temperature Rise (125K 40°C)		
Voltage(V)	Star series	380	400	415	440	460	480
	Star parallel	190	200	208	220	230	240
	Delta series	220	230	240	254	266	277
	Delta parallel	110	115	120	127	133	139
FD2A-4	Rated KVA	42.5	42.5	42.5	52.5	52.5	55.0
	Rated KW	34.0	34.0	34.0	42.0	42.0	44.0
	Efficiency %	86.5	87.1	87.4	87.2	87.5	87.9
FD2B-4	Rated KVA	50.0	50.0	50.0	62.5	62.5	65.0
	Rated KW	40.0	40.0	40.0	50.0	50.0	52.0
	Efficiency %	87.8	88.2	88.5	88.2	88.6	88.8
FD2C-4	Rated KVA	62.5	62.5	62.5	75.0	75.0	78.0
	Rated KW	50.0	50.0	50.0	60.0	60.0	62.4
	Efficiency %	88.1	88.1	88.9	88.9	89.2	89.4
FD2CL-4	Rated KVA	72.5	72.5	72.5	87.5	87.5	93.8
	Rated KW	58.0	58.0	58.0	70.0	70.0	75.0
	Efficiency %	89.6	89.9	90.1	90.3	90.6	90.6
FD2DS-4	Rated KVA	80.0	80.0	80.0	95.0	95.0	97.5
	Rated KW	64.0	64.0	64.0	76.0	76.0	78.0
	Efficiency %	89.6	89.9	90.1	90.3	90.6	90.6
FD2D-4	Rated KVA	87.5	87.5	87.5	105.0	105.0	110.0
	Rated KW	70.0	70.0	70.0	84.0	84.0	88.0
	Efficiency %	89.9	90.2	90.4	90.6	90.8	91.0

Parameters of FD3 low voltage alternator

Standard feature:

- Comply with the most common standard in terms of GB755, IEC60034, BS5000, VDE0530, CSA22.2-100
- Single or double bearings are available, options for all kinds of adaptors and disc plates · 12-end reconnectable winding terminals to get different voltages
- Standard "H" insulation class
- Convenient installation and maintenance for rotated diodes and adaptor connected bolts
- Standard sealed maintenance-free bearings

Options:

- Air filter
- Droop CT
- Winding RTD
- PMG excitation system
- Anti-condensation heater
- The auxiliary winding excitation system
- Winding protection thermistor and relay

FD3 4 Pole Three Phase Industrial Alternator						
		50Hz(1500r/min)			60Hz(1800r/min)	
		Class H Temperature Rise (125K 40°C)			Class H Temperature Rise (125K 40°C)	
Voltage(V)	Star series	380	400	415	440	460
	Star parallel	190	200	208	220	230
	Delta series	220	230	240	254	266
	Delta parallel	110	115	120	127	133
FD3A-4	Rated KVA	100.0	100.0	100.0	117.5	125.0
	Rated KW	80.0	80.0	80.0	94.0	100.0
	Efficiency %	89.9	90.3	90.6	90.5	91.0
FD3B-4	Rated KVA	114.0	114.0	114.0	137.5	146.3
	Rated KW	91.2	91.2	91.2	110.0	117.0
	Efficiency %	90.3	90.6	91.0	90.8	91.3
FD3C-4	Rated KVA	125.0	125.0	125.0	150.0	160.0
	Rated KW	100.0	100.0	100.0	120.0	128.0
	Efficiency %	90.3	90.8	91.0	90.4	91.3
FD3DS-4	Rated KVA	140.0	140.0	140.0	167.5	178.8
	Rated KW	112.0	112.0	112.0	134.0	143.0
	Efficiency %	91.3	91.7	92.0	91.7	92.1
FD3D-4	Rated KVA	150.0	150.0	150.0	175.0	180.0
	Rated KW	120.0	120.0	120.0	140.0	144.0
	Efficiency %	91.9	92.2	92.2	92.3	92.4
FD3ES-4	Rated KVA	160.0	160.0	160.0	190.0	206.3
	Rated KW	128.0	128.0	128.0	152.0	165.0
	Efficiency %	92.0	92.3	92.5	92.5	92.7
FD3EM-4	Rated KVA	182.0	182.0	182.0	218.5	231.4
	Rated KW	145.6	145.6	145.6	174.8	185.1
	Efficiency %	92.0	92.4	92.6	92.4	92.7
FD3E-4	Rated KVA	188.0	188.0	188.0	235.0	240.0
	Rated KW	150.4	150.4	150.4	188.0	192.0
	Efficiency %	92.2	92.2	92.3	92.4	92.7
FD3F-4	Rated KVA	200.0	200.0	200.0	245.0	255.0
	Rated KW	160.0	160.0	160.0	196.0	204.0
	Efficiency %	92.2	92.2	92.3	92.6	92.8
FD3G-4	Rated KVA	230.0	230.0	230.0	282.5	300.0
	Rated KW	184.0	184.0	184.0	226.0	240.0
	Efficiency %	92.2	92.5	92.7	92.7	92.8
FD3H-4	Rated KVA	250.0	250.0	250.0	300.0	312.5
	Rated KW	200.0	200.0	200.0	240.0	250.0
	Efficiency %	92.5	92.7	92.8	92.7	92.9

Parameters of FD4 low voltage alternator

Standard feature:

- Comply with the most common standard in terms of GB755, IEC60034, BS5000, VDE0530, CSA22.2-100
- Single or double bearings are available, options for all kinds of adaptors and disc plates
- 12-end reconnectable winding terminals to get different voltages
- Standard "H" insulation class
- Convenient installation and maintenance for rotated diodes and adaptor connected bolts
- Standard sealed maintenance-free bearings

Options:

- Air filter
- Droop CT
- PMG excitation system
- Anti-condensation heater
- Winding RTD and bearing RTD
- Winding protection thermistor and relay

FD4 4 Pole Three Phase Industrial Alternator						
		50Hz(1500r/min)			60Hz(1800r/min)	
		Class H Temperature Rise (125K 40°C)			Class H Temperature Rise (125K 40°C)	
Voltage(V)	Star series	380	400	415	440	460
	Star parallel	190	200	208	220	230
	Delta series	220	230	240	254	266
	Delta parallel	110	115	120	127	133
FD4S-4	Rated KVA	250.0	250.0	250.0	300.0	300.0
	Rated KW	200.0	200.0	200.0	240.0	240.0
	Efficiency %	92.5	92.5	92.7	92.6	93.0
FD4MS-4	Rated KVA	294.0	294.0	294.0	345.0	375.0
	Rated KW	235.2	235.2	235.2	276.0	300.0
	Efficiency %	92.3	92.7	93.0	92.9	93.3
FD4M-4	Rated KVA	312.5	312.5	312.5	375.0	400.0
	Rated KW	250.0	250.0	250.0	300.0	315.2
	Efficiency %	93.2	93.5	93.6	93.3	93.5
FD4MP-4	Rated KVA	325.0	325.0	325.0	394.0	419.0
	Rated KW	260.0	260.0	260.0	315.2	335.2
	Efficiency %	93.6	93.7	93.8	93.6	93.7
FD4LS-4	Rated KVA	350.0	350.0	350.0	420.0	440.0
	Rated KW	280.0	280.0	280.0	336.0	352.0
	Efficiency %	93.1	93.3	93.5	93.3	93.7
FD4L-4	Rated KVA	380.0	380.0	380.0	462.5	475.0
	Rated KW	304.0	304.0	304.0	370.0	380.0
	Efficiency %	93.3	93.6	93.8	93.5	93.9
FD4LP-4	Rated KVA	400.0	400.0	400.0	480.0	500.0
	Rated KW	320.0	320.0	320.0	384.0	400.0
	Efficiency %	93.2	93.4	93.6	93.4	93.7

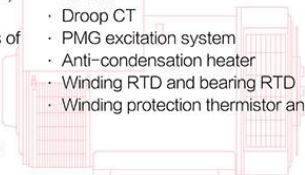
Parameters of FD5 low voltage alternator

Standard feature:

- Comply with the most common standard in terms of GB755, IEC60034, BS5000, VDE0530, CSA22.2-100
- Single or double bearings are available, options for all kinds of adaptors and disc plates
- 12-end reconnectable winding terminals to get different voltages
- Standard "H" insulation class
- Convenient installation and maintenance for rotated diodes and adaptor connected bolts
- Standard sealed maintenance-free bearings

Options:

- Air filter
- Droop CT
- PMG excitation system
- Anti-condensation heater
- Winding RTD and bearing RTD
- Winding protection thermistor and relay



FD5 4 Pole Three Phase Industrial Alternator

		50Hz(1500r/min)			60Hz(1800r/min)		
		Class H Temperature Rise (125K 40°C)			Class H Temperature Rise (125K 40°C)		
Voltage(V)	Star series	380	400	415	440	460	480
	Star parallel	190	200	208	220	230	240
	Delta series	220	230	240	254	266	277
	Delta parallel	110	115	120	127	133	139
FD5S-4	Rated KVA	450.0	450.0	450.0	550.0	562.5	580.0
	Rated KW	360.0	360.0	360.0	440.0	450.0	464.0
	Efficiency %	94.0	94.2	94.3	94.0	94.1	94.2
FD5M-4	Rated KVA	500.0	500.0	500.0	594.0	605.0	625.0
	Rated KW	400.0	400.0	400.0	475.2	484.0	500.0
	Efficiency %	94.5	94.7	94.8	94.5	94.6	94.7
FD5MP-4	Rated KVA	563.0	563.0	563.0	650.0	662.5	670.0
	Rated KW	450.4	450.4	450.4	520.0	530.0	536.0
	Efficiency %	94.6	94.8	95.0	94.7	94.8	94.9
FD5LS-4	Rated KVA	600.0	600.0	600.0	712.5	730.0	750.0
	Rated KW	480.0	480.0	480.0	570.0	584.0	600.0
	Efficiency %	94.7	94.9	95.0	94.8	94.9	95.0
FD5L-4	Rated KVA	625.0	625.0	625.0	740.0	780.0	800.0
	Rated KW	500.0	500.0	500.0	592.0	624.0	640.0
	Efficiency %	95.0	95.1	95.2	94.9	95.0	95.1
FD5LP-4	Rated KVA	687.5	687.5	687.5	775.0	800.0	825.0
	Rated KW	550.0	550.0	550.0	620.0	640.0	660.0
	Efficiency %	94.8	95.0	95.1	95.0	95.1	95.2

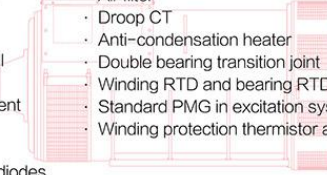
Parameters of FD6 low voltage alternator

Standard feature:

- Comply with the most common standard in terms of GB755, IEC60034, BS5000, VDE0530, CSA22.2-100
- An efficient one-way rotating fan
- Single or double bearings are available, options for all kinds of adaptors and disc plates
- 12-end reconnectable winding terminals to get different voltages
- Standard "H" insulation class
- Convenient installation and maintenance for rotated diodes and adaptor connected bolts
- Standard sealed maintenance-free bearings

Options:

- Air filter
- Droop CT
- Anti-condensation heater
- Double bearing transition joint
- Winding RTD and bearing RTD
- Standard PMG in excitation system
- Winding protection thermistor and relay



FD6 4 Pole Three Phase Industrial Alternator

		50Hz(1500r/min)			60Hz(1800r/min)		
		Class H Temperature Rise (125K 40°C)			Class H Temperature Rise (125K 40°C)		
Voltage(V)	Star series	380	400	415	440	460	480
	Star parallel	220	230	240	254	266	277
	Delta series	220	230	240	254	266	277
	Delta parallel	110	115	120	127	133	139
FD6AS-4	Rated KVA	750	750	750	900	900	900
	Rated KW	600	600	600	720	720	720
	Efficiency %	93.2	93.3	93.5	93.0	93.1	93.3
FD6A-4	Rated KVA	800	800	800	963	963	963
	Rated KW	640	640	640	770	770	770
	Efficiency %	93.6	93.6	93.8	93.4	93.5	93.7
FD6B-4	Rated KVA	912	912	912	1088	1088	1088
	Rated KW	730	730	730	870	870	870
	Efficiency %	93.5	93.5	93.7	93.3	93.4	93.6
FD6C-4	Rated KVA	1025	1025	1025	1150	1150	1150
	Rated KW	820	820	820	920	920	920
	Efficiency %	94.2	94.2	94.4	93.9	94.1	94.3
FD6D-4	Rated KVA	1138	1138	1138	1275	1275	1275
	Rated KW	910	910	910	1020	1020	1020
	Efficiency %	94.6	94.7	94.8	94.5	94.6	94.8
FD6E-4	Rated KVA	1250	1250	1250	1500	1500	1500
	Rated KW	1000	1000	1000	1200	1200	1200
	Efficiency %	94.8	94.9	95.0	94.8	94.9	95.0

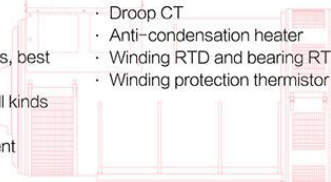
Parameters of FD7 low voltage alternator

Standard feature:

- Comply with the most common standard in terms of GB755, IEC60034, BS5000, VDE0530, CSAC22.2-100
- Advanced Automatic-Voltage-Regulator
- 2/3 pitch winding effectively eliminate harmonic waves, best fit for non-linear load.
- Single or double bearings are available, options for all kinds of adaptors and disc plates
- Standard IP23 protection, optional severe environment protection
- Alternative cable outputs on both sides

Options:

- Air filter
- Droop CT
- Anti-condensation heater
- Winding RTD and bearing RTD
- Winding protection thermistor and relay



FD7 4 Pole Three Phase Industrial Alternator						
		50Hz(1500r/min)			60Hz(1800r/min)	
		Class H Temperature Rise (125K 40°C)			Class H Temperature Rise (125K 40°C)	
Voltage(V)	Star series	380	400	415	440	460
	Star parallel	220	230	240	254	266
FD7A-4	Rated KVA	1330	1400	1453	1550	1620
	Rated KW	1064	1120	1162	1240	1296
	Efficiency %	95.2	95.3	95.4	95.3	95.4
		95.5			95.5	
FD7B-4	Rated KVA	1485	1563	1620	1745	1825
	Rated KW	1188	1250	1296	1396	1460
	Efficiency %	95.6	95.7	95.8	95.7	95.8
		95.9			95.8	
FD7C-4	Rated KVA	1603	1688	1750	1850	1940
	Rated KW	1282	1350	1400	1480	1552
	Efficiency %	96.1	96.2	96.3	96.1	96.2
		96.3			96.2	
FD7D-4	Rated KVA	1805	1900	1970	2105	2205
	Rated KW	1444	1520	1576	1684	1764
	Efficiency %	96.1	96.2	96.3	96.2	96.3
		96.3			96.3	
FD7E-4	Rated KVA	1960	2063	2140	2363	2470
	Rated KW	1568	1650	1712	1890	1976
	Efficiency %	96.3	96.4	96.5	96.3	96.4
		96.5			96.4	
FD7F-4	Rated KVA	2138	2250	2335	2520	2635
	Rated KW	1710	1800	1868	2016	2108
	Efficiency %	95.9	96.0	96.1	95.9	96.0
		96.1			96.0	
FD7G-4	Rated KVA	2375	2500	2594	2635	2755
	Rated KW	1900	2000	2075	2108	2204
	Efficiency %	96.1	96.2	96.3	96.2	96.3
		96.4			96.3	

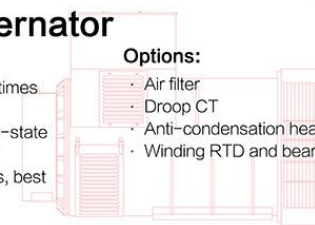
Parameters of marine alternator

Standard feature:

- Permanent magnet generator (PMG) provides three times continuous short-circuit current
- Advanced automatic voltage regulator control, Steady-state voltage regulation $\pm 1.0\%$
- 2/3 pitch winding effectively eliminate harmonic waves, best fit for non-linear load.
- Standard sealed maintenance-free bearings
- IP23 protection

Options:

- Air filter
- Droop CT
- Anti-condensation heater
- Winding RTD and bearing RTD



FDM 4 Pole Three Phase Marine Alternator						
		50Hz(1500r/min)			60Hz(1800r/min)	
		Class H Temperature Rise (110K 50°C)			Class H Temperature Rise (110K 50°C)	
Voltage(V)	Star series*	380	400	415	440	460
	Star parallel	190	200	208	220	230
	Delta series*	220	230	240	254	266
	Delta parallel	110	115	120	127	133
FDM1E-4	Rated KVA	15	15	15	19.5	19.5
	Rated KW	12	12	12	15.6	15.6
	Efficiency %	84.4	84.8	85.0	85.5	85.9
		86.3			85.9	
FDM1F-4	Rated KVA	20	20	20	25	25
	Rated KW	16	16	16	20	20
	Efficiency %	85.4	85.7	86.0	86.9	87.2
		87.5			87.2	
FDM1G-4	Rated KVA	25	25	25	30	30
	Rated KW	20	20	20	24	24
	Efficiency %	86.8	87.2	87.5	87.9	88.3
		88.6			88.3	
FDM1J-4	Rated KVA	30	30	30	37.5	37.5
	Rated KW	24	24	24	30	30
	Efficiency %	87.3	87.7	88	88.2	88.6
		88.9			88.6	
FDM2A-4	Rated KVA	37.5	37.5	37.5	45	45
	Rated KW	30	30	30	36	36
	Efficiency %	86	86.7	87.2	87.7	88.3
		88.6			88.3	
FDM2C-4	Rated KVA	50	50	50	62.5	62.5
	Rated KW	40	40	40	50	50
	Efficiency %	88.5	88.9	89.3	89.6	90.1
		90.4			90.1	
FDM2DS-4	Rated KVA	62.5	62.5	62.5	75	75
	Rated KW	50	50	50	60	60
	Efficiency %	89.6	90	90.3	90.5	90.9
		91			90.9	
FDM3A-4	Rated KVA	80	80	80	100	100
	Rated KW	64	64	64	80	80
	Efficiency %	88.3	88.7	89.1	89.1	89.5
		89.8			89.5	
FDM3B-4	Rated KVA	93.75	93.75	93.75	115	115
	Rated KW	75	75	75	92	92
	Efficiency %	88.9	89.3	89.6	89.7	90.1
		90.3			90.1	

FDM 4 Pole Three Phase Marine Alternator							
		50Hz(1500r/min)			60Hz(1800r/min)		
		Class H Temperature Rise (110K 50°C)			Class H Temperature Rise (110K 50°C)		
Voltage(V)	Star series*	380	400	415	440	460	480
	Star parallel	190	200	208	220	230	240
	Delta series*	220	230	240	254	266	277
	Delta parallel	110	115	120	127	133	139
FDM3C-4	Rated KVA	100	100	100	125	125	130
	Rated KW	80	80	80	100	100	104
	Efficiency %	90.2	90.6	90.8	90.9	91.2	91.4
FDM3DS-4	Rated KVA	112.5	112.5	112.5	137.5	137.5	142.5
	Rated KW	90	90	90	110	110	114
	Efficiency %	90.3	90.7	91	91	91.4	91.6
FDM3D-4	Rated KVA	125	125	125	155	160	165
	Rated KW	100	100	100	124	128	132
	Efficiency %	90.9	91.2	91.4	91.5	91.8	92
FDM3EM-4	Rated KVA	150	150	150	187.5	187.5	195
	Rated KW	120	120	120	150	150	156
	Efficiency %	91.9	92.2	92.4	92.5	92.7	92.9
FDM3H-4	Rated KVA	200	200	200	245	245	255
	Rated KW	160	160	160	196	196	204
	Efficiency %	92.4	92.6	92.8	93	93.2	93.3
FDM4S-4	Rated KVA	225	225	225	260	260	275
	Rated KW	180	180	180	208	208	220
	Efficiency %	92.2	92.6	92.9	92.9	93.2	93.3
FDM4MS-4	Rated KVA	250	250	250	300	300	315
	Rated KW	200	200	200	240	240	252
	Efficiency %	92.7	92.9	93.2	93.1	93.4	93.5
FDM4LS-4	Rated KVA	312.5	312.5	312.5	375	375	400
	Rated KW	250	250	250	300	300	320
	Efficiency %	93.3	93.5	93.8	93.7	94	94.1
FDM4L-4	Rated KVA	350	350	350	425	425	450
	Rated KW	280	280	280	340	340	360
	Efficiency %	93.5	93.7	93.9	93.9	94.1	94.2
FDM5S-4	Rated KVA	400	400	400	460	470	480
	Rated KW	320	320	320	368	376	384
	Efficiency %	93.7	94	94.2	94.2	94.3	94.5
FDM5MP-4	Rated KVA	450	450	450	525	535	545
	Rated KW	360	360	360	420	428	436
	Efficiency %	94.3	94.5	94.7	94.7	94.8	94.9
FDM5LS-4	Rated KVA	525	525	525	625	650	675
	Rated KW	420	420	420	500	520	540
	Efficiency %	94.4	94.6	94.8	94.7	94.9	95
FDM5L-4	Rated KVA	575	575	575	675	700	725
	Rated KW	460	460	460	540	560	580
	Efficiency %	94.4	94.7	94.8	94.8	94.9	95.1

FDM 4 Pole Three Phase Marine Alternator							
		50Hz(1500r/min)			60Hz(1800r/min)		
		Class H Temperature Rise (110K 50°C)			Class H Temperature Rise (110K 50°C)		
Voltage(V)	Star series*	380	400	415	440	460	480
	Star parallel	190	200	208	220	230	240
	Delta series*	220	230	240	254	266	277
	Delta parallel	110	115	120	127	133	139
FDM5LP-4	Rated KVA	600	625	625	725	750	775
	Rated KW	480	500	500	580	600	620
	Efficiency %	94.8	94.9	95	95.1	95.2	95.3
FDM6AS-4	Rated KVA	625	650	650	750	775	800
	Rated KW	500	520	520	600	620	640
	Efficiency %	94.4	94.6	94.7	94.6	94.8	94.9
FDM6A-4	Rated KVA	675	700	725	800	825	850
	Rated KW	540	560	580	640	660	680
	Efficiency %	94.3	94.5	94.6	94.6	94.7	94.9
FDM6B-4	Rated KVA	756.3	787.5	787.5	920	920	950
	Rated KW	605	630	630	736	736	760
	Efficiency %	94.6	94.7	94.9	94.8	95	95.1
FDM6C-4	Rated KVA	850	887.5	887.5	1000	1025	1050
	Rated KW	680	710	710	800	820	840
	Efficiency %	94.9	95	95.1	95.1	95.2	95.4
FDM6D-4	Rated KVA	950	1000	1025	1200	1225	1250
	Rated KW	760	800	820	960	980	1000
	Efficiency %	95.3	95.4	95.5	95.4	95.6	95.7
FDM6E-4	Rated KVA	1075	1125	1150	1250	1275	1300
	Rated KW	860	900	920	1000	1020	1040
	Efficiency %	95.6	95.7	95.8	95.8	95.9	96
FDM7A-4	Rated KVA	1200	1250	1300	1400	1450	1500
	Rated KW	960	1000	1040	1120	1160	1200
	Efficiency %	95.4	95.5	95.7	95.6	95.7	95.9
FDM7B-4	Rated KVA	1350	1400	1450	1635	1670	1705
	Rated KW	1080	1120	1160	1308	1336	1364
	Efficiency %	95.7	95.8	95.9	95.8	95.9	96
FDM7C-4	Rated KVA	1525	1562.5	1625	1800	1850	1900
	Rated KW	1220	1250	1300	1440	1480	1520
	Efficiency %	95.9	96	96.1	96	96.2	96.2
FDM7D-4	Rated KVA	1700	1750	1800	1990	2035	2075
	Rated KW	1360	1400	1440	1592	1628	1660
	Efficiency %	95.9	96	96.1	96	96.2	96.2
FDM7E-4	Rated KVA	1800	1900	1950	2250	2300	2350
	Rated KW	1440	1520	1560	1800	1840	1880
	Efficiency %	96.2	96.2	96.3	96.3	96.4	96.4
FDM7F-4	Rated KVA	1930	2000	2050	2380	2430	2480
	Rated KW	1544	1600	1640	1904	1944	1984
	Efficiency %	96.1	96.2	96.3	96.2	96.3	96.4

Parameters of medium speed low voltage alternator

Standard feature:

- Comply with world leading alternators standard GB755, IEC60034, BS5000, VDE0530, CSA22.2-100
- With high-efficiency single-direction rotated fan
- Single or double bearings are available, options for all kinds of adaptors and disc plates "H" insulation class
- Convenient installation and maintenance for lead-end rotated diodes and adaptor connected bolts
- Permanent magnet generator (PMG) provides three times continuous short-circuit current
- Advanced automatic voltage regulator control, Steady-state voltage regulation $\pm 1.0\%$

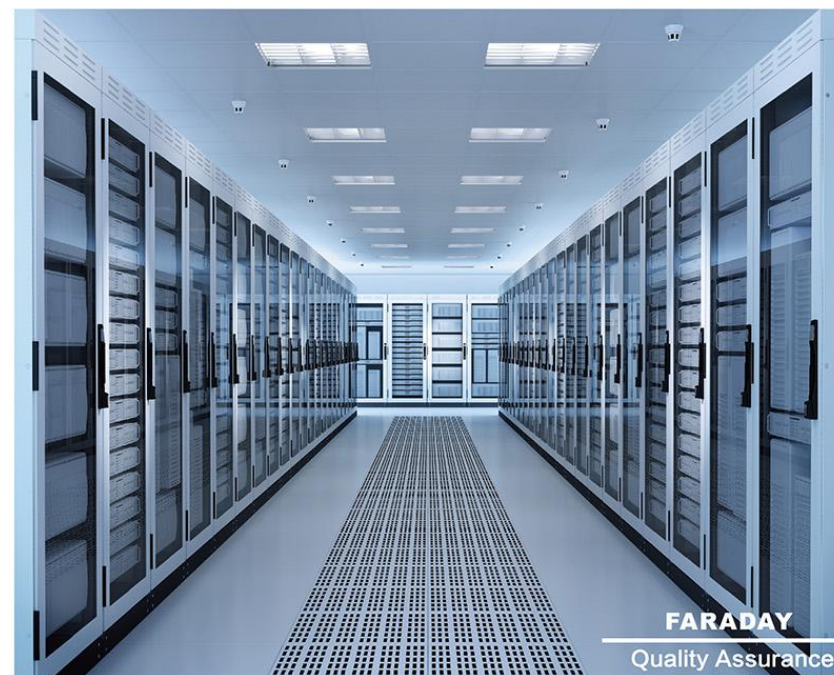
- Low Lightning arrester
- Standard sealed maintenance-free bearings
- IP23 protection

Options:

- Anti-condensation heater
- Air filter
- Winding RTD and bearing RTD
- Droop CT

6 Pole Medium Speed Three Phase Industrial Alternator							
		50Hz(1000r/min)			60Hz(1200r/min)		
		Class H Temperature Rise (125K 40°C)			Class H Temperature Rise (125K 40°C)		
Voltage(V)	Star parallel	380	400	415	440	460	480
	Delta parallel	220	230	240	254	266	277
FD6A-6	Rated KVA	300	320	330	365	380	400
	Rated KW	240	256	264	292	304	320
	Efficiency %	93.2	93.3	93.4	93.5	93.7	93.8
FD6B-6	Rated KVA	380	400	415	455	480	500
	Rated KW	304	320	332	364	384	400
	Efficiency %	93.8	93.9	94.0	94.1	94.3	94.4
FD6C-6	Rated KVA	475	500	515	570	600	625
	Rated KW	380	400	412	456	480	500
	Efficiency %	94.1	94.2	94.3	94.4	94.5	94.6
FD6D-6	Rated KVA	590	625	650	685	715	750
	Rated KW	472	500	520	548	572	600
	Efficiency %	94.5	94.6	94.7	94.9	95.0	95.1
FD7A-6	Rated KVA	760	800	830	915	955	1000
	Rated KW	608	640	664	732	764	800
	Efficiency %	95.4	95.5	95.6	95.6	95.7	95.8

6 Pole Medium Speed Three Phase Industrial Alternator							
		50Hz(1000r/min)			60Hz(1200r/min)		
		Class H Temperature Rise (125K 40°C)			Class H Temperature Rise (125K 40°C)		
Voltage(V)	Star parallel	380	400	415	440	460	480
	Delta parallel	220	230	240	254	266	277
FD7B-6	Rated KVA	850	900	930	1030	1075	1125
	Rated KW	680	720	744	824	860	900
	Efficiency %	94.8	94.9	95.0	95.1	95.2	95.3
FD7G-6	Rated KVA	945	1000	1035	1140	1195	1250
	Rated KW	756	800	828	912	956	1000
	Efficiency %	95.2	95.3	95.4	95.5	95.6	95.7
FD7E-6	Rated KVA	1180	1250	1295	1370	1435	1500
	Rated KW	944	1000	1036	1096	1148	1200
	Efficiency %	95.4	95.5	95.6	95.7	95.8	95.9



FARADAY
Quality Assurance

Parameters of dc generator

Standard Feature :

- Comply with world leading alternators standard GB755, IEC60034, BS5000, VDE0530, CSA22.2-100
- Standard "H" insulation class
- Advanced automatic voltage regulator, exciting quickly, low voltage regulation rate for steady-state and transient
- A wide range of voltage setting, strong overload ability
- Good ventilation, high efficiency, low vibration
- IP22 protection
- Standard sealed maintenance-free bearings
- Single or double bearings are available, options for all kinds of adaptors and disc plates

FDZ DC generator				
24/48V~50Hz 1500RPM				
Ambient temperature		CONT. 40°C	TEMP. 40°C	TEMP. 27°C
Temperature Rise		CONT. 125K	~S.B. 150K	S.B. 163K
FDZ1A-4	Rated KW	5	5.5	6
FDZ1D-4	Rated KW	8	8.8	9.4
FDZ1GS-4	Rated KW	12	13.2	14
FDZ1G-4	Rated KW	16	17.6	18.8
FDZ2AS-4	Rated KW	20	22	24
FDZ2A-4	Rated KW	24	26	28

Parameters of high voltage alternator

Standard feature:

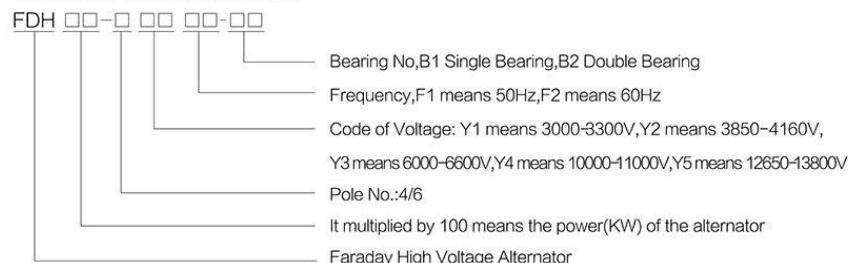
- Comply with world leading alternators standard GB755, IEC60034, BS5000, VDE0530, CSA22.2-100
- With high-efficiency single-direction rotated fan
- Single or double bearings are available, options for all kinds of adaptors and disc plates "F" insulation class
- Convenient installation and maintenance for lead-end rotated
- Permanent magnet generator (PMG) provides three times diodes and adaptor connected bolts
- continuous short-circuit current
- Advanced automatic voltage regulator control, Steady-state voltage regulation $\pm 1.0\%$

- Low Lightning arrester
- IP23 protection
- Anti-condensation heater
- Winding RTD and bearing RTD

Options:

- Air filter
- Droop CT
- Lightning arrester

Model Instruction



6P 50Hz 1000RPM Class F Temperature Rise (105K 40°C) High Voltage Alternator

Rated Voltage(V):6300								
Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)
FDH6-6Y3F1	750	600	FDH12-6Y3F1	1500	1200	FDH18-6Y3F1	2250	1800
FDH8-6Y3F1	1000	800	FDH15-6Y3F1	1875	1500	FDH20-6Y3F1	2500	2000
FDH10-6Y3F1	1250	1000	FDH16-6Y3F1	2000	1600			

Rated Voltage(V):10500								
Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)
FDH6-6Y4F1	750	600	FDH12-6Y4F1	1500	1200	FDH16-6Y4F1	2000	1600
FDH8-6Y4F1	1000	800	FDH15-6Y4F1	1875	1500	FDH18-6Y4F1	2250	1800
FDH10-6Y4F1	1250	1000						

6P 60Hz 1200RPM Class F Temperature Rise (105K 40°C) High Voltage Alternator

Rated Voltage(V):6300								
Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)
FDH8-6Y3F2	1000	800	FDH15-6Y3F2	1875	1500	FDH20-6Y3F2	2500	2000
FDH10-6Y3F2	1250	1000	FDH16-6Y3F2	2000	1600	FDH22-6Y3F2	2750	2200
FDH12-6Y3F2	1500	1200	FDH18-6Y3F2	2250	1800			

Rated Voltage(V):10500								
Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)
FDH8-6Y4F2	1000	800	FDH15-6Y4F2	1875	1500	FDH20-6Y4F2	2500	2000
FDH10-6Y4F2	1250	1000	FDH16-6Y4F2	2000	1600			
FDH12-6Y4F2	1500	1200	FDH18-6Y4F2	2250	1800			

4P 50Hz 1500RPM Class F Temperature Rise (105K 40℃) High Voltage Alternator

Rated Voltage(V):3300								
Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)
FDH5-4Y1F1	625	500	FDH15-4Y1F1	1875	1500	FDH24-4Y1F1	3000	2400
FDH6-4Y1F1	750	600	FDH16-4Y1F1	2000	1600	FDH26-4Y1F1	3250	2600
FDH8-4Y1F1	1000	800	FDH18-4Y1F1	2250	1800	FDH28-4Y1F1	3500	2800
FDH10-4Y1F1	1250	1000	FDH20-4Y1F1*	2500	2000	FDH30-4Y1F1	3750	3000
FDH12-4Y1F1	1500	1200	FDH22-4Y1F1	2750	2200			

Rated Voltage(V):4160								
FDH5-4Y2F1	625	500	FDH15-4Y2F1	1875	1500	FDH24-4Y2F1	3000	2400
FDH6-4Y2F1	750	600	FDH16-4Y2F1	2000	1600	FDH26-4Y2F1	3250	2600
FDH8-4Y2F1	1000	800	FDH18-4Y2F1	2250	1800	FDH28-4Y2F1	3500	2800
FDH10-4Y2F1	1250	1000	FDH20-4Y2F1	2500	2000	FDH30-4Y2F1	3750	3000
FDH12-4Y2F1	1500	1200	FDH22-4Y2F1	2750	2200	FDH32-4Y2F1	4000	3200

Rated Voltage(V):6300								
Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)
FDH5-4Y3F1	625	500	FDH15-4Y3F1	1875	1500	FDH24-4Y3F1	3000	2400
FDH6-4Y3F1	750	600	FDH16-4Y3F1	2000	1600	FDH26-4Y3F1	3250	2600
FDH8-4Y3F1	1000	800	FDH18-4Y3F1	2250	1800	FDH28-4Y3F1	3500	2800
FDH10-4Y3F1	1250	1000	FDH20-4Y3F1	2500	2000	FDH30-4Y3F1	3750	3000
FDH12-4Y3F1	1500	1200	FDH22-4Y3F1	2750	2200	FDH32-4Y3F1	4000	3200

Rated Voltage(V):10500								
Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)
FDH5-4Y4F1	625	500	FDH15-4Y4F1	1875	1500	FDH24-4Y4F1	3000	2400
FDH6-4Y4F1	750	600	FDH16-4Y4F1	2000	1600	FDH26-4Y4F1	3250	2600
FDH8-4Y4F1	1000	800	FDH18-4Y4F1	2250	1800	FDH28-4Y4F1	3500	2800
FDH10-4Y4F1	1250	1000	FDH20-4Y4F1	2500	2000	FDH30-4Y4F1	3750	3000
FDH12-4Y4F1	1500	1200	FDH22-4Y4F1	2750	2200			

Rated Voltage(V):13800								
Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)
FDH5-4Y5F1	625	500	FDH10-4Y5F1	1250	1000	FDH16-4Y5F1	2000	1600
FDH6-4Y5F1	750	600	FDH12-4Y5F1	1500	1200	FDH18-4Y5F1	2250	1800
FDH8-4Y5F1	1000	800	FDH15-4Y5F1	1875	1500			

4P 60Hz 1800RPM Class F Temperature Rise (105K 40℃) High Voltage Alternator

Rated Voltage(V):3300								
Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)		Model	Rated Capacity(KVA)	Rated Power(KW)
FDH5-4Y1F2	625	500	FDH15-4Y1F2	1875	1500	FDH24-4Y1F2	3000	2400
FDH6-4Y1F2	750	600	FDH16-4Y1F2	2000	1600	FDH26-4Y1F2	3250	2600
FDH8-4Y1F2	1000	800	FDH18-4Y1F2	2250	1800	FDH28-4Y1F2	3500	2800
FDH10-4Y1F2	1250	1000	FDH20-4Y1F2	2500	2000	FDH30-4Y1F2	3750	3000
FDH12-4Y1F2	1500	1200	FDH22-4Y1F2	2750	2200			

Rated Voltage(V):4160								
Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)
FDH5-4Y2F2	625	500	FDH15-4Y2F2	1875	1500	FDH24-4Y2F2	3000	2400
FDH6-4Y2F2	750	600	FDH16-4Y2F2	2000	1600	FDH26-4Y2F2	3250	2600
FDH8-4Y2F2	1000	800	FDH18-4Y2F2	2250	1800	FDH28-4Y2F2	3500	2800
FDH10-4Y2F2	1250	1000	FDH20-4Y2F2	2500	2000	FDH30-4Y2F2	3750	3000
FDH12-4Y2F2	1500	1200	FDH22-4Y2F2	2750	2200	FDH32-4Y2F2	4000	3200

Rated Voltage(V):6300								
	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)
FDH5-4Y3F2	625	500	FDH15-4Y3F2	1875	1500	FDH24-4Y3F2	3000	2400
FDH6-4Y3F2	750	600	FDH16-4Y3F2	2000	1600	FDH26-4Y3F2	3250	2600
FDH8-4Y3F2	1000	800	FDH18-4Y3F2	2250	1800	FDH28-4Y3F2	3500	2800
FDH10-4Y3F2	1250	1000	FDH20-4Y3F2	2500	2000	FDH30-4Y3F2	3750	3000
FDH12-4Y3F2	1500	1200	FDH22-4Y3F2	2750	2200	FDH32-4Y3F2	4000	3200

Rated Voltage(V):10500								
Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)
FDH5-4Y4F2	625	500	FDH12-4Y4F2	1500	1200	FDH20-4Y4F2	2500	2000
FDH6-4Y4F2	750	600	FDH15-4Y4F2	1875	1500	FDH22-4Y4F2	2750	2200
FDH8-4Y4F2	1000	800	FDH16-4Y4F2	2000	1600	FDH24-4Y4F2	3000	2400
FDH10-4Y4F2	1250	1000	FDH18-4Y4F2	2250	1800	FDH26-4Y4F2	3250	2600

Rated Voltage(V):13800								
Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)	Model	Rated Capacity(KVA)	Rated Power(KW)
FDH5-4Y5F2	625	500	FDH10-4Y5F2	1250	1000	FDH15-4Y5F2	1875	1500
FDH6-4Y5F2	750	600	FDH12-4Y5F2	1500	1200	FDH16-4Y5F2	2000	1600
FDH8-4Y5F2	1000	800						