

Marine Products Guide



Cummins **Onan**



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aksa POWER
GENERATION



Aksa Mahmutbey Factory Istanbul - TURKEY



The roots of Kazanci Holding were established in 1950's. Embracing principles of "customer satisfaction and reliance" as its main priority, Kazanci Holding has been one of the leading firms in the Turkish energy market with manufacturing generating sets, natural gas distribution and installation-operation of power plants.

Since its foundation in 1984, being the leading company in the Turkish market; Aksa Power Generation takes place among the top 100 industrial enterprises and exporter firms in Turkey.

In addition, Aksa is rightfully proud of being one of the leading generating sets manufacturers in the world with the total amount of 40.000 gasoline, diesel and natural gas generating sets ranging from 1 to 3000 kVA manufactured per year in its four production facilities, one of in Istanbul - Turkey and the other genset factories in Changzhou - China and Louisiana - U.S.A.

Today, exporting more than %50 of its production, Aksa Power Generation progresses towards the goal of succes globally. With its 11 international offices, Aksa supplies generating sets all around the world. Aksa Power Generation keeps continually investing in technology to be a pioneer of innovation.

INTERNATIONAL OFFICES OF AKSA POWER GENERATION



Algeria



China



Iraq



Japan



Kazakhstan



Russia



Singapore



U.A.E



U.K.



U.S.A.



Vietnam

aksa POWER
GENERATION



Akxa China Factory, Changzhou - CHINA



Being one of the first natural gas generating sets manufacturers in the world, Akxa also has a quite advantage in synchronization projects and progressively pursues improvements in generating sets with less fuel consumption, lower sound levels, and lower amounts of exhaust emission through its research and development works.

Akxa Rental is established to meet urgent and mobile power needs of its customers and serves internationally with its wide product range and experienced staff both from Istanbul and Dubai head offices. Mentioned organizations below are some of Akxa Rental's references:

NATO Istanbul Summit 2004; UEFA Champions League Final 2005; Redbull Air Race Golden Horn 2006 - 2007 - 2008; Formula 1 Istanbul Park Grand Prix 2006, 2007, 2008, Troya 2008 - 2009, FIFA U20 World Cup Turkey 2013.

Akxa Service & Spare Parts company provides around the clock emergency parts and service support for Akxa products. To keep Akxa products in top condition throughout the world, the company is dedicated to offer “the best” to its customers with 110 country-wide authorized dealerships, 300 technical support employees and spare parts stocks in after sales service, assistance and support.



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ACM81

Marine Generator Set



Specifications

Engine Brand	Cummins
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	102 mm x 120 mm
Displacement	5,9 L
Aspiration	Turbo Charged
Emissions	Not Certified
Alternator Brand	Stamford

Certification

ACM81 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
6BT5,9-D(M)	19,8	UCM274E	81	81	78

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

ACM150

Marine Generator Set



Specifications

Engine Brand	Cummins
Configuration	In-Line 6 cylinder, 4 stroke diesel
Bore & Stroke	107 mm x 124 mm
Displacement	6,7 L
Aspiration	Turbo Charged and After Cooled
Emissions	IMO Tier II, EPA Tier 3 and EU Stage IIIa
Alternator Brand	Stamford

Certification

ACM150 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
QSB7-D(M)	46	UCDM274K	150	150	145

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

ACM220

Marine Generator Set



Specifications

Engine Brand	Cummins
Configuration	In-Line 6 cylinder, 4 stroke diesel
Bore & Stroke	125 mm x 147 mm
Displacement	10,8 L
Aspiration	Turbo Charged and After Cooled
Emissions	IMO Tier II and EPA Tier 2
Alternator Brand	Stamford

Certification

ACM220 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
QSM11-D(M)	65	HCM434E	220	220	220

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

ACM248

Marine Generator Set



Specifications

Engine Brand	Cummins
Configuration	In-Line 6 cylinder, 4 stroke diesel
Bore & Stroke	125 mm x 147 mm
Displacement	10,8 L
Aspiration	Turbo Charged and After Cooled
Emissions	IMO Tier II and EPA Tier 2
Alternator Brand	Stamford

Certification

ACM248 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
QSM11-D(M)	65	HCM434F	248	248	243

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

ACM296

Marine Generator Set



Specifications

Engine Brand	Cummins
Configuration	In-Line 6 cylinder, 4 stroke diesel
Bore & Stroke	159 mm x 159 mm
Displacement	19 L
Aspiration	Turbo Charged and After Cooled
Emissions	IMO Tier II
Alternator Brand	Stamford

Certification

ACM296 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
KTA19-D(M1)	91,2	HCM534C	296	296	296

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

ACM332

Marine Generator Set



Specifications

Engine Brand	Cummins
Configuration	In-Line 6 cylinder, 4 stroke diesel
Bore & Stroke	159 mm x 159 mm
Displacement	19 L
Aspiration	Turbo Charged and After Cooled
Emissions	IMO Tier II
Alternator Brand	Stamford

Certification

ACM332 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
KTA19-D(M1)	91,2	HCM534D	332	332	332

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

ACM385

Marine Generator Set



Specifications

Engine Brand	Cummins
Configuration	In-Line 6 cylinder, 4 stroke diesel
Bore & Stroke	159 mm x 159 mm
Displacement	19 L
Aspiration	Turbo Charged and After Cooled
Emissions	IMO Tier II
Alternator Brand	Stamford

Certification

ACM385 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
KTA19-D(M1)	102,6	HCM534E	385	385	385

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling



M/V Azov Concept

ACM576

Marine Generator Set



Specifications

Engine Brand	Cummins
Configuration	V 12 cylinder, 4 stroke diesel
Bore & Stroke	159 mm x 159 mm
Displacement	38 L
Aspiration	Turbo Charged and After Cooled
Emissions	IMO Tier II
Alternator Brand	Stamford

Certification

ACM576 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
KTA38-D(M1)	225,3	HCM634H	576	576	576

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

ACM664

Marine Generator Set



Specifications

Engine Brand	Cummins
Configuration	V 12 cylinder, 4 stroke diesel
Bore & Stroke	159 mm x 159 mm
Displacement	38 L
Aspiration	Turbo Charged and After Cooled
Emissions	IMO Tier II
Alternator Brand	Stamford

Certification

ACM664 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
KTA38-D(M1)	225,3	HCM634J	664	664	664

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling



Zhdanov B Platform

ACM700

Marine Generator Set



Specifications

Engine Brand	Cummins
Configuration	V 12 cylinder, 4 stroke diesel
Bore & Stroke	159 mm x 159 mm
Displacement	38 L
Aspiration	Turbo Charged and After Cooled
Emissions	IMO Tier II
Alternator Brand	Stamford

Certification

ACM700 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
KTA38-D(M1)	225,3	HCM634K	700	700	700

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

ACM820

Marine Generator Set



Specifications

Engine Brand	Cummins
Configuration	V 12 cylinder, 4 stroke diesel
Bore & Stroke	159 mm x 159 mm
Displacement	38 L
Aspiration	Turbo Charged and After Cooled
Emissions	IMO Tier II
Alternator Brand	Stamford

Certification

ACM820 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
KTA38-D(M1)	225,3	PM734B	820	820	820

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling



M/Y Lion Spirit

ACM1040

Marine Generator Set

aksa POWER GENERATION

Specifications

Engine Brand	Cummins
Configuration	V 16 cylinder, 4 stroke diesel
Bore & Stroke	159 mm x 159 mm
Displacement	50 L
Aspiration	Turbo Charged and After Cooled
Emissions	IMO Tier I
Alternator Brand	Stamford

Certification

ACM1040 is certified by IACS members

Ratings

Model	Engine	Alternator	Power (kW)		
	Fuel Consumption (l/hr)		HE	KC	RC
KTA50-D(M1)	275,9	PM734E	1040	1040	1040

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling



The Dzheltune Lam
C Platform



AJM28

Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-line 4 cylinder, 4 stroke diesel
Bore & Stroke	106,5 mm x 127 mm
Displacement	4,5 L
Aspiration	Naturally Aspirated
Emissions	Not Certified
Alternator Brand	Stamford

Certification

AJM28 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
4045DFM70	15,1	UCM224C	28	28	28

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM32

Marine Generator Set

aksa POWER
GENERATION

Specifications

Engine Brand	John Deere
Configuration	In-line 4 cylinder, 4 stroke diesel
Bore & Stroke	106,5 mm x 127 mm
Displacement	4,5 L
Aspiration	Naturally Aspirated
Emissions	Not Certified
Alternator Brand	Stamford

Certification

AJM32 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
4045DFM70	15,1	UCM224D	32	32	32

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM38

Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-line 4 cylinder, 4 stroke diesel
Bore & Stroke	106,5 mm x 127 mm
Displacement	4,5 L
Aspiration	Turbo Charged
Emissions	EPA Tier 3
Alternator Brand	Stamford

Certification

AJM38 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
4045TFM85	21,1	UCM224E	38	38	38

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM46

Marine Generator Set

aksa POWER
GENERATION

Specifications

Engine Brand	John Deere
Configuration	In-line 4 cylinder, 4 stroke diesel
Bore & Stroke	106 mm x 127 mm
Displacement	4,5 L
Aspiration	Turbo Charged
Emissions	EPA Tier 3
Alternator Brand	Stamford

Certification

AJM46 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
4045TFM85	21,1	UCM224F	46	46	46

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM52

Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-line 4 cylinder, 4 stroke diesel
Bore & Stroke	106 mm x 127 mm
Displacement	4,5 L
Aspiration	Turbo Charged
Emissions	EPA Tier 3
Alternator Brand	Stamford

Certification

AJM52 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
4045TFM85	21,1	UCM224G	52	52	52

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM62

Marine Generator Set

aksa POWER
GENERATION

Specifications

Engine Brand	John Deere
Configuration	In-line 4 cylinder, 4 stroke diesel
Bore & Stroke	107 mm x 127 mm
Displacement	4,5 L
Aspiration	Turbo Charged and Air to Coolant After Cooled
Emissions	EPA Tier 3
Alternator Brand	Stamford

Certification

AJM62 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
4045AFM85	24,5	UCM274C	62	62	62

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM70

Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-line 4 cylinder, 4 stroke diesel
Bore & Stroke	107 mm x 127 mm
Displacement	4,5 L
Aspiration	Turbo Charged and Air to Coolant After Cooled
Emissions	EPA Tier 3
Alternator Brand	Stamford

Certification

AJM70 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
4045AFM85	24,5	UCM274D	70	70	70

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM81

Marine Generator Set

aksa POWER
GENERATION

Specifications

Engine Brand	John Deere
Configuration	In-line 4 cylinder, 4 stroke diesel
Bore & Stroke	107 mm x 127 mm
Displacement	4,5 L
Aspiration	Turbo Charged and Air to Coolant After Cooled
Emissions	EPA Tier 3
Alternator Brand	Stamford

Certification

AJM81 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
4045AFM85	24,5	UCM274E	81	81	79

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM90

Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	107 mm x 127 mm
Displacement	6,8 L
Aspiration	Turbo Charged and Air to Coolant After Cooled
Emissions	EPA Tier 3, IMO Annex VI
Alternator Brand	Stamford

Certification

AJM90 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
6068AFM75	44,5	UCM274E	90	90	90

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM108

Marine Generator Set

aksa POWER
GENERATION

Specifications

Engine Brand	John Deere
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	107 mm x 127 mm
Displacement	6,8 L
Aspiration	Turbo Charged and After Cooled
Emissions	EPA Tier 3, IMO Annex VI
Alternator Brand	Stamford

Certification

AJM108 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
6068AFM75	44,5	UCM274F	108	108	108

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM119

Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	107 mm x 127 mm
Displacement	6,8 L
Aspiration	Turbo Charged and Air to Coolant After Cooled
Emissions	EPA Tier 3, IMO Annex VI
Alternator Brand	Stamford

Certification

AJM119 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
6068AFM75	44,5	UCM274G	119	119	119

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM136

Marine Generator Set

aksa POWER
GENERATION

Specifications

Engine Brand	John Deere
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	106 mm x 127 mm
Displacement	6,8 L
Aspiration	Air to Sea Water
Emissions	EPA Tier 3, IMO Annex VI
Alternator Brand	Stamford

Certification

AJM136 is certified by IACS members

Ratings

Model	Engine	Alternator	Power (kW)		
	Fuel Consumption (l/hr)		HE	KC	RC
6068SFM85	45	UCM274H	136	136	136

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM157

Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	106 mm x 127 mm
Displacement	6,8 L
Aspiration	Air to Sea Water
Emissions	EPA Tier 3, IMO Annex VI
Alternator Brand	Stamford

Certification

AJM157 is certified by IACS members

Ratings

Model	Engine	Alternator	Power (kW)		
	Fuel Consumption (l/hr)		HE	KC	RC
6068SFM85	45	HCM434C	157	157	153

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM184

Marine Generator Set

aksa POWER
GENERATION

Specifications

Engine Brand	John Deere
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	118,4 mm x 136 mm
Displacement	9L
Aspiration	Air to Sea Water
Emissions	EPA Tier 3, IMO Annex VI
Alternator Brand	Stamford

Certification

AJM184 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
6090SFM85	57,1	HCM434D	180	180	180

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM220

Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	118,4 mm x 136 mm
Displacement	9L
Aspiration	Air to Sea Water
Emissions	EPA Tier 3, IMO Annex VI
Alternator Brand	Stamford

Certification

AJM220 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
6090SFM85	57,1	HCM434E	208	208	205

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM248

Marine Generator Set

aksa POWER
GENERATION

Specifications

Engine Brand	John Deere
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	132 mm x 165 mm
Displacement	13,5 L
Aspiration	Turbocharged and Air to Coolant Aftercooled
Emissions	EPA Tier 3, IMO Annex VI
Alternator Brand	Stamford

Certification

AJM248 is certified by IACS members

Ratings

Model	Engine	Alternator	Power (kW)		
	Fuel Consumption (l/hr)		HE	KC	RC
6135AFM85	73	HCM434F	248	248	248

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM296

Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	132 mm x 165 mm
Displacement	13,5 L
Aspiration	Air to Sea Water
Emissions	EPA Tier 3, IMO Annex VI
Alternator Brand	Stamford

Certification

AJM296 is certified by IACS members

Ratings

Model	Engine	Alternator	Power (kW)		
	Fuel Consumption (l/hr)		HE	KC	RC
6135SFM85	79	HCM534C	296	296	296

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AJM317

Marine Generator Set

aksa POWER
GENERATION

Specifications

Engine Brand	John Deere
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	132 mm x 165 mm
Displacement	13,5 L
Aspiration	Air to Sea Water
Emissions	EPA Tier 3, IMO Annex VI
Alternator Brand	Stamford

Certification

AJM317 is certified by IACS members

Ratings

Model	Engine	Alternator	Power (kW)		
	Fuel Consumption (l/hr)		HE	KC	RC
6135SFM85	79	HCM534D	317	317	313

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling



MITSUBISHI
DIESEL ENGINES

AMTM515

Marine Generator Set



Specifications

Engine Brand	Mitsubishi
Configuration	In-Line 6 cylinder, 4 stroke diesel
Bore & Stroke	170 mm x 180 mm
Displacement	24,5 L
Aspiration	Turbo Charged and Inter Cooled
Emissions	IMO Tier II
Alternator Brand	Stamford

Certification

AMTM515 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
S6R-(Z3)NPTAW	65,1	HCM634G	515	515	515

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

VOLVO
PENTA

AVM62

Marine Generator Set



Specifications

Engine Brand	Volvo
Configuration	In-line 4 cylinder, 4 stroke diesel
Bore & Stroke	108 mm x 130 mm
Displacement	4,8 L
Aspiration	Turbo Charged
Emissions	Not Certified
Alternator Brand	Stamford

Certification

AVM62 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D5AT	20,3	UCM274C	62	62	62

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AVM70

Marine Generator Set

aksa POWER
GENERATION

Specifications

Engine Brand	Volvo
Configuration	In-line 4 cylinder, 4 stroke diesel
Bore & Stroke	108 mm x 130 mm
Displacement	4,8 L
Aspiration	Turbo Charged
Emissions	Not Certified
Alternator Brand	Stamford

Certification

AVM70 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D5AT	20,3	UCM274D	70	70	-

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AVM85

Marine Generator Set



Specifications

Engine Brand	Volvo
Configuration	In-line 4 cylinder, 4 stroke diesel
Bore & Stroke	108 mm x 130 mm
Displacement	4,8 L
Aspiration	Turbo Charged and After Cooled
Emissions	EPA Tier 2, CCNR Stage 2
Alternator Brand	Stamford

Certification

AVM85 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D5ATA	23,4	UCM274E	85	85	-

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AVM90

Marine Generator Set

aksa POWER
GENERATION

Specifications

Engine Brand	Volvo
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	108 mm x 130 mm
Displacement	7,2 L
Aspiration	Turbo Charged
Emissions	CCNR STAGE 2
Alternator Brand	Stamford

Certification

AVM90 is certified by IACS members

Ratings

Model	Engine	Alternator	Power (kW)		
	Fuel Consumption (l/hr)		HE	KC	RC
D7AT	30,2	UCM274E	90	90	-

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling



SAR33 Class Coast Guard Boat

AVM108

Marine Generator Set



Specifications

Engine Brand	Volvo
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	108 mm x 130 mm
Displacement	7,2 L
Aspiration	Turbo Charged
Emissions	CCNR Stage 2
Alternator Brand	Stamford

Certification

AVM108 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D7AT	30,2	UCM274F	108	108	104

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AVM119

Marine Generator Set



Specifications

Engine Brand	Volvo
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	108 mm x 130 mm
Displacement	7,2 L
Aspiration	Turbo Charged After Cooled
Emissions	IMO Nox Tier 2, EPA Tier 2, CCRN Stage 2
Alternator Brand	Stamford

Certification

AVM119 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D7ATA	34,1	UCM274G	119	119	-

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AVM130

Marine Generator Set



Specifications

Engine Brand	Volvo
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	108 mm x 130 mm
Displacement	7,2 L
Aspiration	Turbo Charged After Cooled
Emissions	IMO Nox Tier 2, EPA Tier 2, CCNR Stage 2
Alternator Brand	Stamford

Certification

AVM130 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D7ATA	34,1	UCM274H	130	130	-

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AVM168

Marine Generator Set



Specifications

Engine Brand	Volvo
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	120 mm x 138 mm
Displacement	9,4 L
Aspiration	Turbo Charged After Cooled
Emissions	IMO Nox Tier 2, EPA Tier 2, CCRN Stage 2
Alternator Brand	Stamford

Certification

AVM168 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D9MG	58	HCM434C	168	168	168

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AVM184

Marine Generator Set



Specifications

Engine Brand	Volvo
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	120 mm x 138 mm
Displacement	9,4 L
Aspiration	Turbo Charged After Cooled
Emissions	IMO Nox Tier 2, EPA Tier 2, CCNR Stage 2
Alternator Brand	Stamford

Certification

AVM184 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D9MG	58	HCM434D	184	184	184

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AVM220

Marine Generator Set



Specifications

Engine Brand	Volvo
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	120 mm x 138 mm
Displacement	9,4 L
Aspiration	Turbo Charged After Cooled
Emissions	IMO Nox Tier 2, EPA Tier 2, CCRN Stage 2
Alternator Brand	Stamford

Certification

AVM220 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D9MG	58	HCM434E	220	220	214

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AVM225

Marine Generator Set

aksa POWER GENERATION

Specifications

Engine Brand	Volvo
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	120 mm x 138 mm
Displacement	9,4 L
Aspiration	Turbo Charged After Cooled
Emissions	IMO Nox Tier 2, EPA Tier 2, CCNR Stage 2
Alternator Brand	Stamford

Certification

AVM225 is certified by IACS members

Ratings

Model	Engine	Alternator	Power (kW)		
	Fuel Consumption (l/hr)		HE	KC	RC
D9MG	58	HCM434F	225	225	-

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling



M/V Azov Confidence

AVM248

Marine Generator Set



Specifications

Engine Brand	Volvo
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	131 mm x 158 mm
Displacement	12,8 L
Aspiration	Turbo Charged After Cooled
Emissions	IMO Nox Tier 2, EPA Tier 2, CCNR Stage 2
Alternator Brand	Stamford

Certification

AVM248 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D13MG	90,3	HCM434F	248	248	248

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AVM284

Marine Generator Set

aksa POWER
GENERATION

Specifications

Engine Brand	Volvo
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	131 mm x 158 mm
Displacement	12,8 L
Aspiration	Turbo Charged After Cooled
Emissions	IMO Nox Tier 2, EPA Tier 2, CCNR Stage 2
Alternator Brand	Stamford

Certification

AVM284 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D13MG	90,3	HCM534C	284	284	275

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling



TCG Ç-151 Landing Craft Tank

AVM332

Marine Generator Set



Specifications

Engine Brand	Volvo
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	131 mm x 158 mm
Displacement	12,8 L
Aspiration	Turbo Charged After Cooled
Emissions	IMO Nox Tier 2, EPA Tier 2, CCNR Stage 2
Alternator Brand	Stamford

Certification

AVM332 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D13MG	90,3	HCM534D	332	332	332

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AVM392

Marine Generator Set



Specifications

Engine Brand	Volvo
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	144 mm x 165 mm
Displacement	16,1 L
Aspiration	Turbo Charged After Cooled
Emissions	IMO Nox Tier 2, EPA Tier 2, CCNR Stage 2
Alternator Brand	Stamford

Certification

AVM392 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D16MG	110,3	HCM534E	392	392	392

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

AVM420

Marine Generator Set



Specifications

Engine Brand	Volvo
Configuration	In-line 6 cylinder, 4 stroke diesel
Bore & Stroke	144 mm x 165 mm
Displacement	16,1 L
Aspiration	Turbo Charged After Cooled
Emissions	IMO Nox Tier 2, EPA Tier 2, CCNR Stage 2
Alternator Brand	Stamford

Certification

AVM420 is certified by IACS members

Ratings

Engine		Alternator	Power (kW)		
Model	Fuel Consumption (l/hr)		HE	KC	RC
D16MG	110,3	HCM534F	420	420	414

*Power output based on temperature rise class F, 400V for 50 Hz.

** IP44 protection is available on request.

*** 60 Hz models are available on request.

HE: Heat Exchanger, RC: Radiator Cooling, KC: Keel Cooling

Cummins **Onan**



Cummins Onan MDKBH Marine Generator Set



Specifications

Engine Brand	Kubota
Configuration	In-Line 2 cylinder, 4 stroke diesel
Bore & Stroke	67 mm x 68 mm
Displacement	479 cm ³

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDKBH/DH	4/4	110/220	36,4/18,2	1	50	2400

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).
** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDKBH/DH	0,6	0,8	1,0	1,3	1,7

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	68 dB (A)*	166 kg	662 mm	511 mm	524 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate

Cummins Onan MDKBJ Marine Generator Set



Specifications

Engine Brand	Kubota
Configuration	In-Line 3 cylinder, 4 stroke diesel
Bore & Stroke	67 mm x 68 mm
Displacement	719 cm ³

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDKBJ	6/6	110/220	54,5/27,3	1	50	2400

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).

** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDKBJ	-	1,12	1,46	1,84	2,28

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	71 dB (A)*	195 kg	664 mm	583 mm	535 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate

Cummins Onan MDKBL Marine Generator Set



Specifications

Engine Brand	Kubota
Configuration	In-Line 3 cylinder, 4 stroke diesel
Bore & Stroke	78 mm x 78,4 mm
Displacement	1123 cm ³

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDKBL/DL	7/7	110/220	63,6/31,8	1	50	1500

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).
** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDKBL/DL	0,7	1,1	1,5	2,0	2,8

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	65 dB (A)*	272 kg	911 mm	566 mm	593 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate

Cummins Onan MDKBW Marine Generator Set



Specifications

Engine Brand	Kubota
Configuration	In-Line 3 cylinder, 4 stroke diesel
Bore & Stroke	67 mm x 68 mm
Displacement	719 cm ³

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDKBW	8/8	110/220	72,7/36,4	1	50	2880

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).

** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDKBW	-	1,41	1,85	2,35	2,97

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	72,5 dB (A)*	195 kg	664 mm	583 mm	535 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate

Cummins Onan MDKBM Marine Generator Set



Specifications

Engine Brand	Kubota
Configuration	In-Line 4 cylinder, 4 stroke diesel
Bore & Stroke	78 mm x 78,4 mm
Displacement	1498 cm ³

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDKBM/DM	9,5/9,5	110/220	86,4/43,2	1	50	1500

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).

** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDKBM/DM	0,8	1,4	2,1	2,8	3,4

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	65 dB (A)*	315 kg	1033 mm	566 mm	593 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate

Cummins Onan MDKBN Marine Generator Set



Specifications

Engine Brand	Kubota
Configuration	In-Line 4 cylinder, 4 stroke diesel
Bore & Stroke	78 mm x 78,4 mm
Displacement	1498 cm ³

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDKBN/DN	11/11	110/220	100/50	1	50	1500

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).

** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDKBN/DN	0,9	1,5	2,2	3,0	4,0

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	65 dB (A)*	315 kg	1033 mm	566 mm	593 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate

Cummins Onan MDKBP/DP Marine Generator Set



Specifications

Engine Brand	Kubota
Configuration	In-Line 4 cylinder, 4 stroke diesel
Bore & Stroke	83 mm x 92,4 mm
Displacement	1999 cm ³

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDKBP/DP	13,5/13,5	110/220	122,7/61,4	1	50	1500
MDKBP/DP	13,5/16,9	220/380	25,6	3	50	1500

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).

** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDKBP/DP	1,1	1,9	2,7	3,6	4,8

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	64 dB (A)*	404 kg	1127 mm	602 mm	698 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate

Cummins Onan MDKBR/DR Marine Generator Set

aksa POWER GENERATION

Specifications

Engine Brand	Kubota
Configuration	In-Line 4 cylinder, 4 stroke diesel
Bore & Stroke	87 mm x 102,4 mm
Displacement	2434 cm ³

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDKBR/DR	17,5/17,5	110/220	159,1/79,5	1	50	1500
MDKBR/DR	17,5/21,9	220/380	33,2	3	50	1500

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).

** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDKBR/DR	1,3	2,3	3,4	4,7	6,5

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	64 dB (A)*	422 kg	1127 mm	602 mm	698 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate



Work Boat, "Erkan Asyali"

Cummins Onan MDKBV/DV Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-Line 4 cylinder, 4 stroke diesel
Bore & Stroke	87 mm x 102,4 mm
Displacement	2434 cm ³

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDKBV/DV	19/19	110/220	172,7/86,4	1	50	1500
MDKBV/DV	19/23,8	220/380	36,1	3	50	1500

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).

** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDKBV/DV	1,3	2,5	3,9	5,2	6,6

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	64 dB (A)*	422 kg	1127 mm	602 mm	698 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate

Cummins Onan MDKBT Marine Generator Set



Specifications

Engine Brand	Kubota
Configuration	In-Line 4 cylinder, 4 stroke diesel
Bore & Stroke	98 mm x 110 mm
Displacement	3318 cm ³

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDKBT/DT	22,5/22,5	110/220	205/102	1	50	1500
MDKBT/DT	22,5/28,1	220/380	42,7	3	50	1500

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).
** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDKBT/DT	1,9	3,0	4,0	5,2	7,0

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	67 dB (A)*	601 kg	1358 mm	622 mm	761 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate



Cummins Onan MDKBU/DU Marine Generator Set



Specifications

Engine Brand	Kubota
Configuration	In-Line 4 cylinder, 4 stroke diesel
Bore & Stroke	98 mm x 110 mm
Displacement	3318 cm ³

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDKBU/DU	27/27	110/220	245/123	1	50	1500
MDKBU/DU	27/33,8	220/380	51,3	3	50	1500

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).
** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDKBU/DU	1,9	3,0	4,7	6,2	9,1

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	67 dB (A)*	626 kg	1358 mm	622 mm	761 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate



Cummins Onan MDDCK Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-Line 4 cylinder, 4 stroke diesel
Bore & Stroke	106,5 mm x 127 mm
Displacement	4,5 L

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDDCK	35/35	220/380	114,8/66,5	3	50	1500

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).

** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDDCK	-	3,9	6,4	9,0	11,5

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	72 dB (A)*	1090 kg	1738 mm	840 mm	1039 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate

Cummins Onan MDDCF Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-Line 4 cylinder, 4 stroke diesel
Bore & Stroke	106,5 mm x 127 mm
Displacement	4,5 L

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDDCF	40/50	220/380	76	3	50	1500

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).

** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDDCF	-	3,9	6,4	9,0	11,5

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	72 dB (A)*	1098 kg	1738 mm	840 mm	1039 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate

Cummins Onan MDDCG Marine Generator Set

aksa POWER
GENERATION

Specifications

Engine Brand	John Deere
Configuration	In-Line 4 cylinder, 4 stroke diesel
Bore & Stroke	106,5 mm x 127 mm
Displacement	4,5 L

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDDCG	50/62,5	220/380	95	3	50	1500

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).

** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDDCG	-	4,6	7,6	10,8	14,1

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	72 dB (A)*	1167 kg	1783 mm	840 mm	1039 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate



M/Y Vesper

Cummins Onan MDDCH Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-Line 6 cylinder, 4 stroke diesel
Bore & Stroke	106,5 mm x 127 mm
Displacement	6,8 L

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDDCH	65/81,25	220/380	123,4	3	50	1500

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).

** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDDCH	-	5,7	9,9	14,1	18,4

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	70 dB (A)*	1434 kg	2146 mm	840 mm	1039 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate



Cummins Onan MDDCJ Marine Generator Set



Specifications

Engine Brand	John Deere
Configuration	In-Line 6 cylinder, 4 stroke diesel
Bore & Stroke	106,5 mm x 127 mm
Displacement	6,8 L

Ratings

Model	kW / kVA	Voltage	Amps	Phase	Hz	EngineRPM
MDDCJ	80/100	220/380	151,9	3	50	1500

* Other phase configurations are available, contact your distributor/dealer for more information. Rating conditions are 100 kPa (29.6 in Hg) barometric pressure, 30% relative humidity and 25° C (77° F) (ref. ISO 3046).

** 60 Hz models are available on request.

Typical Fuel Consumption

Diesel Fuel, L/hr	No Load	¼ Load	½ Load	¾ Load	Full Load
MDDCJ	-	6,7	11,8	16,9	22,4

Sound Level, Weight and Size

	Sound Level (50 hz)	Dimension			
		Weight	Length	Width	Height
With Sound Shield	70 dB (A)*	1434 kg	2146 mm	840 mm	1039 mm

* Full load at 1 m, with optional Cummins Onan sound shield

Certification

Lloyd's Register Type Approval Certificate

Product Certification: Classification Society

Aksa Power Generation understands the importance of classification society certification to the commercial marine industry. Therefore, Aksa Power Generation obtains product certificates from major marine classification societies worldwide including:

- American Bureau of Shipping (ABS)
- Bureau Veritas (BV)
- China Classification Society (CCS)
- Det Norske Veritas (DNV)
- Registro Italiano Navale (RINA)
- Türk Loydu (TL)
- Korean Register of Shipping (KR)
- Lloyds Register (LR)

To achieve this certification, Aksa Power Generation designs and builds products that comply with the strictest safety standards. In accordance with marine classification society rules, Aksa Power Generation offers a full line of options such as independent safety and alarm systems, dual-skinned fuel lines and duplex filtration to meet vessel certification requirements.

For more information on emission or marine classification society rules, please contact your local Aksa Power Generation professional.



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