50 hZ

GENERATOR SETS

Diesel Generator Sets

Standby & Prime

9.6 - 3000 kVA

POWER YOUR FUTURE



aksa

Contents

Introduction	4
Diesel Generators	6
Control Panels	28
Soundproof and All-Weather Casings	29
Containers	30
Contacts	31



POWER



YOUR FUTURE

About Us



Türkiye Production Center - Cerkezkoy / Tekirdag



Changzhou - China



Zaragoza - Spain



Brits - South Africa

Founded in 1968 with the establishment of an electric motor factory by Ali Metin Kazancı, Aksa Power Generation accelerated its journey in the energy sector by producing its first generator in 1984.

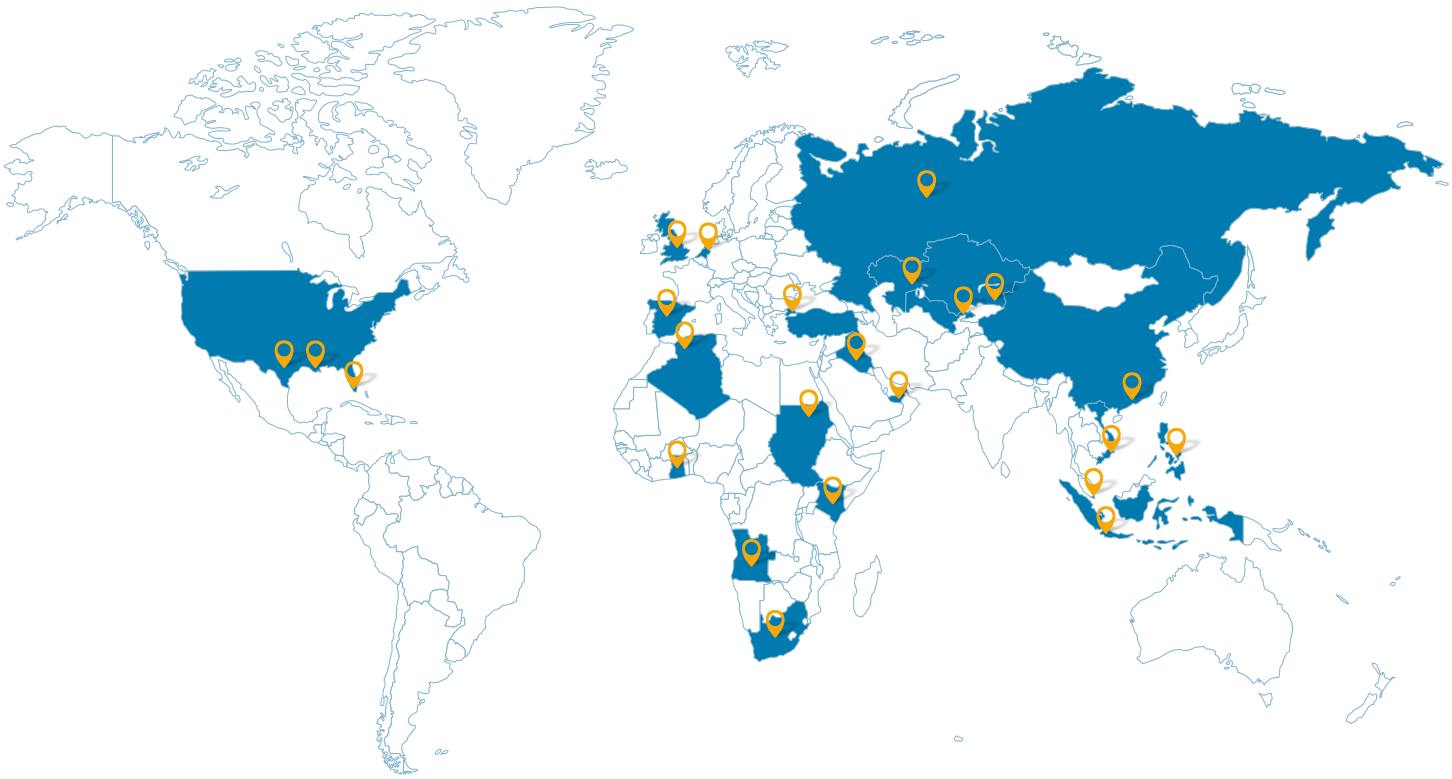
A long-standing leader of the generator market in Türkiye, Aksa Power Generation ranks among the country's largest industrial and exporting companies. With its extensive production capabilities, international operations network, and engineering expertise, the company has become a defining player in global energy solutions.

Aksa Power Generation manufactures diesel, gasoline, and natural gas generators ranging from 1 kVA to 3,750 kVA, marine auxiliary generators, lighting towers, and complementary equipment through its production facilities in Türkiye, China, Spain, and South Africa; its commercial centers in the United States, the Netherlands, and the United Arab Emirates; and its widespread global sales network.

Providing products and services to more than 180 countries, Aksa Power Generation continues to expand its global footprint with 21 offices, 4 production facilities, and 3 commercial centers across Asia, Europe, Africa, and the Americas. By 2030, the company's strategic goal is to become one of the world's top three generator manufacturers.

Global Locations

We are proud of being one of the leading gensets manufacturers in the world.



7

*production and trade **facilities;***

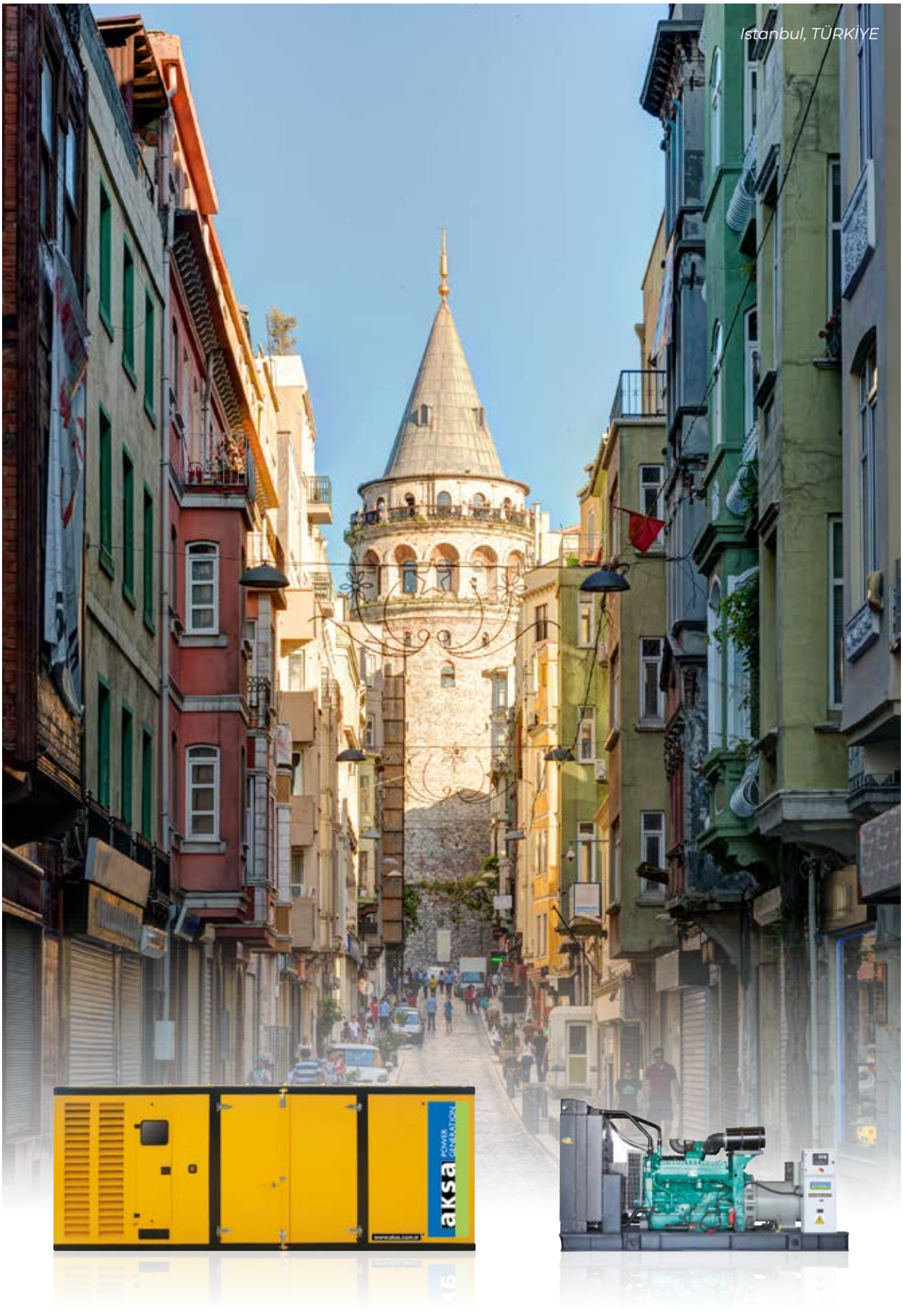
- *Cerkezkoy, **Türkiye***
- *Changzhou, **China***
- *Zaragoza, **Spain***
- *Brits, **South Africa***
- *Texas, **U.S.A.***
- *Holland, **Netherlands***
- *Dubai, **UAE***

21

global locations

+180

countries where **Aksa makes sales**


Istanbul, TÜRKİYE
aksa
POWER GENERATION

Diesel Generator Sets

Standby & Prime

550 - 3000 kVA

Standard Open Set Specifications

- CUMMINS 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electronic governor control
- Electric Starter & charge alternator (24 V D.C.)
- Normal duty, dry type air filter
- Single bearing alternator, IP23 enclosure,
- class H insulation
- Standard voltage 400/230 V A.C., 50 Hz
- Welded steel base frame with A/V mounting
- Lube - oil drain hand pump fitted
- 24 V D.C. battery set with cables and rack
- Industrial type silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosure

Three Phase Generating Sets General Specifications

Genset Specifications					Engine Specification							Open Version Genset		Canopy Version Genset		Control Panel
50 Hz., 400 / 230V.(1)					Engine Model	Cylinder				Fuel (3)		Dimension & Weight		Canopy Model	Dry Weight	Model
Model Name	kVA Cosφ 0,8		kW ISO 8528*			Type	Dis.	Bore	Stroke	Consumption %75 Load	Tank Capacity	L. x W. x H.	Dry Weight			
	(1) Standby	(2) Prime	(1) Standby	(2) Prime		No.	L.	mm.	mm.	L. / h.	L.	mm.	kg.		kg.	Auto
AC 550	550	500	440	400	QSX15-G8	6L	14.9	137	169	80	850	3380x1550x2100	3850	MS 80	4860	P 732
AC 700	700	638	560	510,4	VTA28-G5	12V	28	140	152	104	1000	3644x1550x2270	5470	MS 85	7030	
AC 825	825	-	660	-	VTA28-G6	12V	28	140	152	133	1000	3950x1550x2270	5900	MS 85	7640	
AC 880	880	800	704	640	QSK23-G3	6L	23.15	170	170	121	1500	3950x1705x2225	5950	AK 90	9100	
AC 1100 K	1100	1000	880	800	KTA38-G14	12V	37.8	159	159	161	1500	4470x1770x2370	8600	AK 96	12250	
AC 1100	1100	1000	880	800	QST30-G4	12V	30.48	140	165	151	1500	3980x1968x2383	6770	AK 96	11000	
AC 1410	1410	1280	1128	1024	KTA50-G3	16V	50.3	159	159	199	2000	4940x2100x2394	9900	AK 98	14000	
AC 1650	1650	1500	1320	1200	KTA50-GS8	16V	50.3	159	159	238	2000 / 1900	5450x1950x2450	10200	AK 98	15100	
AC 2250	2250	2045	1800	1636	QSK60-G4	16V	60.2	159	190	291	2000	5663x2408x3090	15500	AK 99	21100	
AC 2500	2500	-	2000	-	QSK60-G8	16V	60.2	159	190	335	2000	5891x2310x3085	-	AK 99	22000	
AC 2750	2750	2200	-	-	QSK60-G22	16V	60.2	159	160	365	2000	-	17500	AK 99	21500	
AC 3000	3000	2750	2400	2200	QSK78-G9	18V	77.6	170	190	406	2500	7421x2637x4736	16300	AK 101	25000	

(1) Emergency Standby Power (ESP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source ESP is in accordance with ISO 8528. Overload is not allowed.
(2) Prime Power (PRP): Applicable for suppliyng power to varying electrical load for unlimited hours. 10% overload capability is avaliable for a period
(3) Fuel consumption according to Standby.
* ISO 8528: Ratings are given for 25 C ambient temperature. Altitude: 100 m. above sea level. Derating, please contact us or refer to data sheet.
Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.


Shanghai, CHINA

MOTEURS Baudouin
A WEICHAI COMPANY

Diesel Generator Sets

Standby & Prime

20 - 2750 kVA

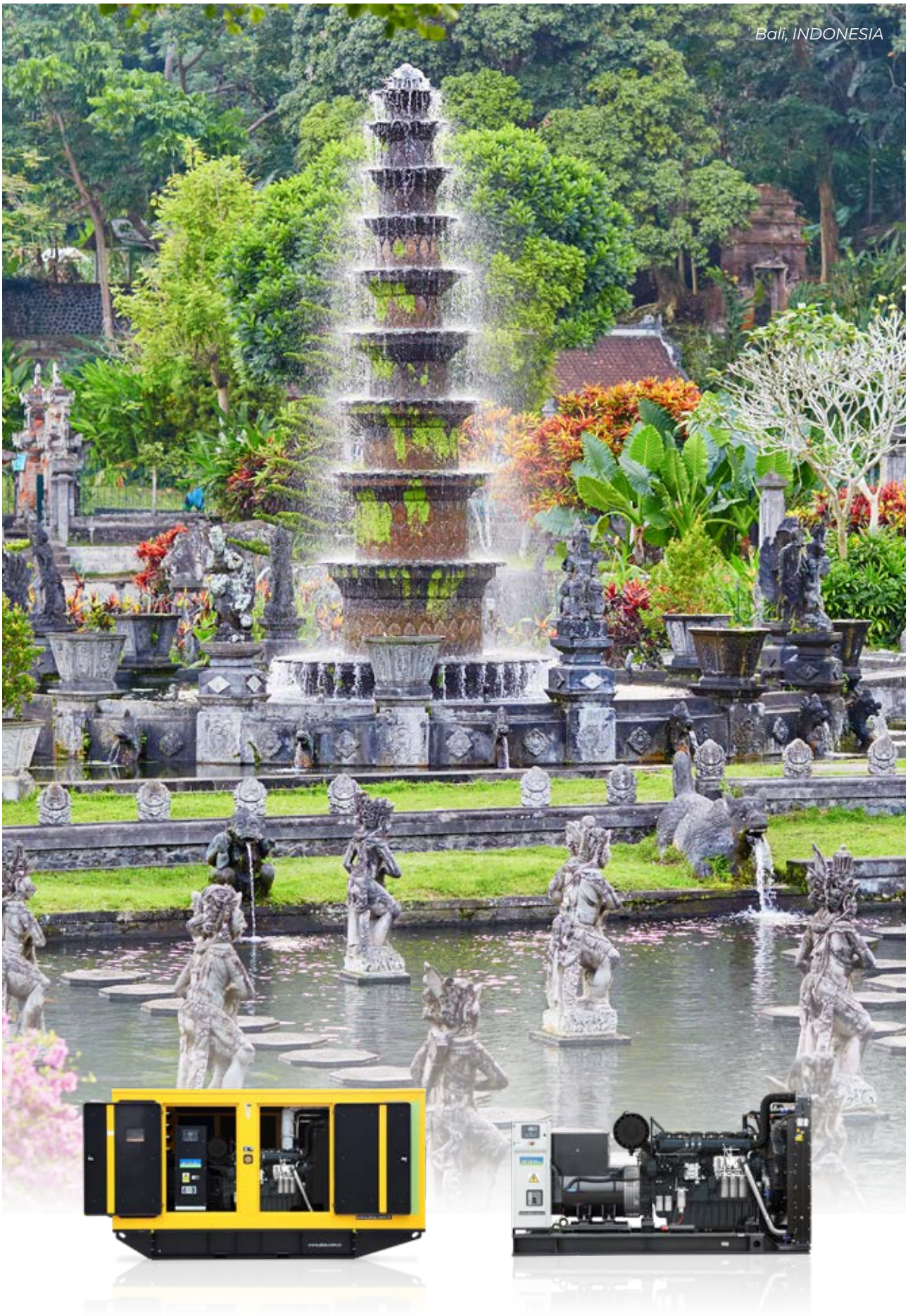
Standard Open Set Specifications

- AKSA BAUDOUIN 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electronic governor control
- Electric Starter & charge alternator (24 V D.C.)
- Normal duty, dry type air filter
- Single bearing alternator, IP23 enclosure,
- class H insulation
- Standard voltage 400/230 V A.C., 50 Hz
- Welded steel base frame with A/V mounting
- Lube - oil drain hand pump fitted
- 24 V D.C. battery set with cables and rack
- Industrial type silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosure

Three Phase Generating Sets General Specifications

Model	Power kVA (Cosφ 0,8)		Модель двигателя	Cylinder Number and Type	Displacement	Fuel Consumption 75% (L/h)	Canopy	Fuel Tank Capacity (L)	Control Panel
	Stand-by	Prime							
APD 20 BD	20	18	4M06G2D0	I-4	2,3	3,6	ACP 3A	60	P 612
APD 25 BD	25	23	4M06G4D0	I-4	2,3	4,5	ACP 4	76	
APD 35 BD	35	32	4M06G6D0	I-4	2,3	5,7	ACP 4	76	
APD 44 BD	44	40	4M06G8D0	I-4	2,3	7	ACP 4	76	
APD 55 BD	55	50	4M06G10D0	I-4	2,3	8,9	ACP 5	180	
APD 70 BD	70	63	4M10G2D0	I-4	4,087	11,1	ACP 6A	180	
APD 88 BD	88	80	4M10G4D0	I-4	4,087	13,5	ACP 6A	180	
APD 110 BD	110	100	4M10G6D0	I-4	4,087	16,01	ACP 6A	180	
APD 150 BD	150	138	6M11G150	I-6	6,75	23	ACP 6B	271	
APD 165 BD	165	150	6M11G4D0	I-6	6,75	24,6	ACP 6B	271	
APD 220 BD	220	200	6M16G2D0/S	I-6	9,726	32,4	MS 60 CK	470	P 732
APD 275 BD	275	250	6M16G6D0/S	I-6	9,726	42,2	MS 60 CK	470	
APD 350 BD	350	325	6M16G350/5	I-6	9,726	52,3	MS 60 CK	470	
APD 400 BD	400	365	6M21G400/5	I-6	12,54	60,7	MS 60	470	
APD 440 BD	440	400	6M21G440/5	I-6	12,54	63,5	MS 60	470	

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(3) Fuel consumption according to Standby.
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Bali, INDONESIA

MOTEURS Baudouin
A WEICHAI COMPANY

Diesel Generator Sets

Standby & Prime

20 - 2750 kVA

Standard Open Set Specifications

- AKSA BAUDOUIN 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electronic governor control
- Electric Starter & charge alternator (24 V D.C.)
- Normal duty, dry type air filter
- Single bearing alternator, IP23 enclosure, class H insulation
- Standard voltage 400/230 V A.C., 50 Hz
- Welded steel base frame with A/V mounting
- Lube - oil drain hand pump fitted
- 24 V D.C. battery set with cables and rack
- Industrial type silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosure

Three Phase Generating Sets General Specifications

Model	Power kVA (Cosφ 0,8)		Engine Model	Cylinder Number and Type	Displacement	Fuel Consumption 75% (L/h)	Canopy	Fuel Tank Capacity (L)	Control Panel
	Stand-by	Prime							
APD 500 BD	500	455	6M21G500/5	I-6	12,54	69,6	MS 70	700	P 732
APD 550 BD	550	500	6M21G550/5	I-6	12,54	75,3	MS 70	700	
APD 660 BD	660	600	8M21G660/5	8V	16,72	95,4	MS 80	850	
APD 715 BD	715	650	6M33G715/5	I-6	19,6	100	MS 80	850	
APD 825 BD	825	750	6M33G825/5	I-6	19,6	114,8	MS 85	1000	
APD 900 BD	900	820	12M26G900/5	12V	31,8	133,1	MS 88	1600	
APD 1020 BD	1020	925	12M26G1000/5	12V	31,8	146,5	MS 88	1600	
APD 1100 BD	1100	1000	12M26G1100/5	12V	31,8	155,3	MS 88	1600	
APD 1250 BD	1250	1125	12M33G1250/5	12V	39,2	175	AK 96	1500	
APD 1400 BD	1400	1270	12M33G1400/5	12V	39,2	190,7	AK 96-AP1400	1900	
APD 1650 BD	1650	1550	12M33G1650/5	12V	39,2	234,2	AK 96-AP1400	1900	
APD 1925 BD	1925	1750	16M33G1900/5	16V	52,3	265,4	AK 99	2200	
APD 2000 BD	2000	1820	16M33G2000/5	16V	52,3	290,7	AK 99	2200	
APD 2250 BD	2250	2050	16M33G2250/5	16V	52,3	311,3	AK 99	2200	
APD 2500 BD	2500	2250	20M33G2500/5	20V	65,4	360,7	AK 100	2200	
APD 2750 BD	2750	2500	12M55G2750/5	12V	65,65	393,2	AK 99	2200	

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(3) Fuel consumption according to Standby.
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Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.


Ashgabat, TURKMENISTAN
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AKSA POWER DIESEL

Diesel Generator Sets

Standby & Prime

9.6 - 200 kVA

Standart Open Set Specifications

- AKSA 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Mechanical governor control
- Electronic governor control (APD 110A, APD 135A, APD 165A, APD 200A)
- Electric Starter & charge alternator
- Normal duty, dry type air filter
- Single bearing alternator, IP23 enclosure, class H insulation
- Standard voltage 400 /230 V A.C., 50 Hz
- Welded steel base frame with A/V mounting
- Fuel tank built in the base frame
- Flexible fuel connection hoses and lube-oil drain valve fitted
- 12 or 24 V D.C. battery set with cables and rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosure

Mono and Three Phase Generating Sets General Specifications

Genset Specifications					Engine Specification							Canopy Version Genset			Control Panel
50 Hz., 400 / 230V.(1)					Engine Model	Cylinder				Fuel (3)		Canopy Model	Dimension & Weight		Model
Model Name	kVA Cosφ 0,8		kW ISO 8528*			Type	Dis.	Bore	Stroke	Consumption %100 Load	Tank Capacity		L. x W. x H.	Dry Weight	
	(1) Standby	(2) Prime	(1) Standby	(2) Prime		No.	L.	mm.	mm.	L. / h.	L.		mm.	kg.	Auto
APD 12 EM**	9.6	8.8	9,6	8,8	A2CRX08	2V	1,81	80	79	3.1	15	AK01	1152x776x890	270	P 452
APD 13 A	12	11	9,6	8,8	A4CRX19	I-4	1,81	80	90	4,19	32	ACP 1A	1522x823x1127	515	
APD 17 A	17	16	13,6	12,8	A4CRX21	I-4	2,16	85	95	4,59	32	ACP 1A	1672x823x1127	535	
APD 25 A	25	22	20	17,6	A4CRX27	I-4	2,67	90	105	6,43	60	ACP 3A	1980x950x1200	810	
APD 35 A	35	32	28	25,6	A4CRX36	I-4	3,60	98	120	8,04	60	ACP 3A	1980x950x1200	810	
APD 44 A	44	40	35,2	32	A3CRX37	I-4	3,60	98	120	10,4	76	ACP 4	2094x950x1359	840	
APD 55 A	55	50	44	40	A4CRX36T	I-4	3,60	98	120	12,4	180	ACP 5	2282x1008x1532	1170	P 612
APD 75 A	75	70	60	56	A4CRX36TI	I-4	3,60	98	120	17,25	180	ACP 5	2282x1008x1532	1250	
APD 110 A	110	100	88	80	A4CRX46TI	I-4	4,58	110	125	23	155	ACP 6	2390x1058x1681	1685	
APD 135 A	135	122	108	97,6	A4CRX48TI	I-4	4,75	110	125	27,7	180	ACP 6A	2600x1058x1681	1790	
APD 165 A	165	150	132	120	A6CRX65TI	I-6	6,49	105	125	34,3	271	ACP 6B	3265x1163x1858	2070	
APD 200 A	200	182	160	145,6	A6CRX71TI	I-6	7,13	110	125	42,5	271	ACP 6B	3265x1163x1858	2180	

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(2) Prime Power (PRP): Applicable for suppliyng power to varying electrical load for unlimited hours. 10% overload capability is avaliable for a period
(3) Fuel consumption according to Standby.
* ISO 8528: Ratings are given for 25 C ambient temperature. Altitude: 100 m. above sea level. Derating, please contact us or refer to data sheet.
Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.


Astana, KAZAKHSTAN
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Diesel Generator Sets

Standby & Prime

22 - 500 kVA

Standart Open Set Specifications

- AKSA 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Mechanical governor control (APD 22 C)
- Electronic governor control
- Electric Starter & charge alternator
- Normal duty, dry type air filter
- Single bearing alternator, IP23 enclosure, class H insulation
- Standard voltage 400 /230 V A.C., 50 Hz
- Welded steel base frame with A/V mounting
- Fuel tank built in the base frame
- Flexible fuel connection hoses and lube-oil drain valve fitted
- 12 or 24 V D.C. battery set with cables and rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosure

Three Phase Generating Sets General Specifications

Genset Specifications					Engine Specification							Canopy Version Genset			Control Panel
50 Hz., 400 / 230V.(1)					Engine Model	Cylinder				Fuel (3)		Canopy Model	Dimension & Weight		Model
Model Name	kVA Cosφ 0,8		kW ISO 8528*			Type	Dis.	Bore	Stroke	Consumption %75 Load	Tank Capacity		L. x W. x H.	Dry Weight	
	(1) Standby	(2) Prime	(1) Standby	(2) Prime		No.	L.	mm.	mm.	L. / h.	L.		mm.	kg.	Auto
APD 22 C*	22	20	17,6	16	4B3.9-G11	I-4	3.90	102	120	4.6	180	ACP 5	2282x1008x1532	1020	
APD 33 C	33	30	26,4	24	4B3.9-G12	I-4	3.90	102	120	6.1	180	ACP 5	2282x1008x1532	1040	
APD 43 C	43	39	34,4	31,2	4BT3.9-G2	I-4	3.90	102	120	7.3	180	ACP 5	2282x1008x1532	1120	
APD 66 C	66	60	52,8	48	4BTA3.9-G2	I-4	3.90	102	120	10	180	ACP 5	2282x1008x1532	1250	
APD 89 C	89	78	71,2	62,4	4BTA3.9-G11	I-4	3.90	102	120	13.2	180	ACP 5	2282x1008x1532	1300	P 612
APD 110 C	110	100	88	80	6BT5.9-G2	I-6	5.90	102	120	17	180	ACP 6A	2600x1058x1681	1480	
APD 145 C	145	132	116	105,6	6BTAA5.9-G2	I-6	5.90	102	120	23	340	AK 49	3402x1147x2007	1780	
APD 175 C	175	160	140	128	6BTA-A5.9-G12	I-6	5.90	102	120	26	340	AK 49	3402x1147x2007	1880	
APD 200 C	200	180	160	144	6CTA8.3-G2	I-6	8.30	114	135	31	340	AK 49	3402x1147x2007	2140	
APD 220 C	220	200	176	160	6CTAA8.3-G2	I-6	8.30	114	135	34	470	MS 60 CK	3963x1356x2171	2930	
APD 275 C	275	250	220	200	6LTAA8.9-G2	I-6	8.90	114	145	39	470	MS 60 CK	3963x1356x2171	2700	
APD 310 C	310	279	248	223,2	6LTAA9.5-G3	I-6	9.50	1165	148	44	470	MS 60 CK	3963x1356x2171	3350	
APD 360 C	360	327	288	261,6	6LTAA9.5-G1	I-6	9.50	1165	148	52	470	MS 60 CK	3963x1356x2171	3480	
APD 400 CE	400	360	320	288	QSZ13-G6	I-6	13	130	163	64.6	700	MS 70 CK	4463x1606x2559	4150	P 732
APD 415 C	415	380	332	304	6ZTAA13-G3	I-6	13	130	163	56.5	700	MS 70 CK	4463x1606x2559	4110	
APD 450 CE	450	400	360	320	QSZ13-G7	I-6	13	130	163	72	700	MS 70 CK	4463x1606x2559	4520	
APD 475 C	475	440	380	352	6ZTAA13-G2	I-6	13	130	163	65.1	700	MS 70 CK	4463x1606x2559	4340	
APD 500 C	500	450	400	360	QSZ13-G2	I-6	13	130	163	64.6	700	MS 70 CK	4463x1606x2559	4300	

* Mechanical governor control

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(3) Fuel consumption according to Standby.
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Tashkent, UZBEKISTAN
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Perkins

Diesel Generator Sets

Standby & Prime

14.5 - 2500 kVA

Standart Open Set Specifications

- PERKINS, 4 cycle, water cooled 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Mechanical or electrical governor
- Electric Starter & Charge alternator
- Normal duty, dry type air filter
- Single bearing alternator, IP23 enclosure, class H insulation
- Standard voltage 400 / 230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in base frame
- Flexible fuel connection hoses and lube - oil drain valve fitted
- 12 V D.C. battery set with cables and rack
- 24 V D.C. battery set with cables and rack (AP 330 - AP 385)
- Industrial type silencer delivered loose
- Engine jacket water heater
- Manual for use and installation
- Modular silent canopies are available on the whole range

Three Phase Generating Sets General Specifications

Genset Specifications					Engine Specification							Open Version Genset		Canopy Version Genset		Control Panel
50 Hz., 400 / 230V.(1)						Cylinder				Fuel (3)		Dimension & Weight				
Model Name	kVA Cosφ 0,8		kW ISO 8528*		Engine Model	Type	Dis.	Bore	Stroke	Consumption %75 Load	Tank Capacity	L. x W. x H.	Dry Weight	Canopy Model	Dry Weight	Model
	(1) Standby	(2) Prime	(1) Standby	(2) Prime		No.	L.	mm.	mm.	L. / h.	L.	mm.	kg.		kg.	Auto
AP 15	14,5	13	11,6	10,4	403A-15G1	I-3	1,5	84	90	2.79	50	1250x850x1068	425	AK 10	565	P 612
AP 22	22	20	17,6	16	404A-22G1	I-4	2,2	84	100	4	38	1291x850x1092	500	AK 11	615	
AP 33	33	30	26,4	24	1103A-33G	I-3	3,3	105	127	5.4	80	1691x970x1221	665	AK 21	880	
AP 50	50	45	40	36	1103A-33TG1	I-3	3,3	105	127	7.98	80	1691x970x1225	750	AK 21	960	
AP 72	72	66	57,6	52,8	1104A-44TG1	I-4	4,4	105	127	11.2	130	1780x950x1316	910	AK 30	1165	
AP 88	88	80	70,4	64	1104A-44TG2	I-4	4,4	105	127	14	240	2150x1050x1490	1040	AK 40	1380	
AP 110	110	100	88	80	1104C-44TAG2	I-4	4,4	105	127	17.1	240	2150x1050x1490	1120	AK 40	1470	
AP 150	150	135	120	108	1106A-70TG1	I-6	7,0	105	135	22.7	340	2300x1080x1629	1260	AK 49	1850	
AP 165	165	150	132	120	1106A-70TAG2	I-6	7,0	105	135	24.7	340	2300x1080x1629	1380	AK 49	1975	
AP 200	200	180	160	144	1106A-70TAG3	I-6	7,0	105	135	32	340	2300x1080x1655	1650	AK 49 TRP	2050	
AP 220	220	200	176	160	1106A-70TAG4	I-6	7,0	105	135	34.7	340	2300x1080x1655	1750	AK 49 TRP	2220	P 732
AP 250	250	225	200	180	1206A-E70T-TAG2	I-6	7,0	105	135	38	470	2750x1300x1928	-	MS 60	3180	
AP 275	275	250	220	200	1206A-E70T-TAG3	I-6	7,0	105	135	41.5	470	2750x1300x1892	2165	MS 60	3180	
AP 330	330	300	264	240	1506A-E-88TAG5	I-6	8,8	112	149	48.2	470	2750x1300x1760	2385	MS 60	3065	
AP 385	385	350	308	280	2206A-E-13TAG2	I-6	12,5	130	157	54	850	3205x1550x2103	-	MS 80	4215	
AP 400	400	350	320	280	2206A-E-13TAG2	I-6	12,5	130	157	54	850	3205x1550x2103	3200	MS 80	4220	
AP 440	440	400	352	320	2206A-E-13TAG3	I-6	12,5	130	157	62	850	3205x1550x2103	3180	MS 80	4260	

(1) Emergency Standby Power (ESP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source ESP is in accordance with ISO 8528. Overload is not allowed.
(2) Prime Power (PRP): Applicable for suppliyng power to varying electrical load for unlimited hours. 10% overload capability is avaliable for a period
(3) Fuel consumption according to Standby.
* ISO 8528: Ratings are given for 25 C ambient temperature. Altitude: 100 m. above sea level. Derating, please contact us or refer to data sheet.
Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.


Abu-Dhabi, UAE
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Perkins

Diesel Generator Sets

Standby & Prime

14.5 - 2500 kVA

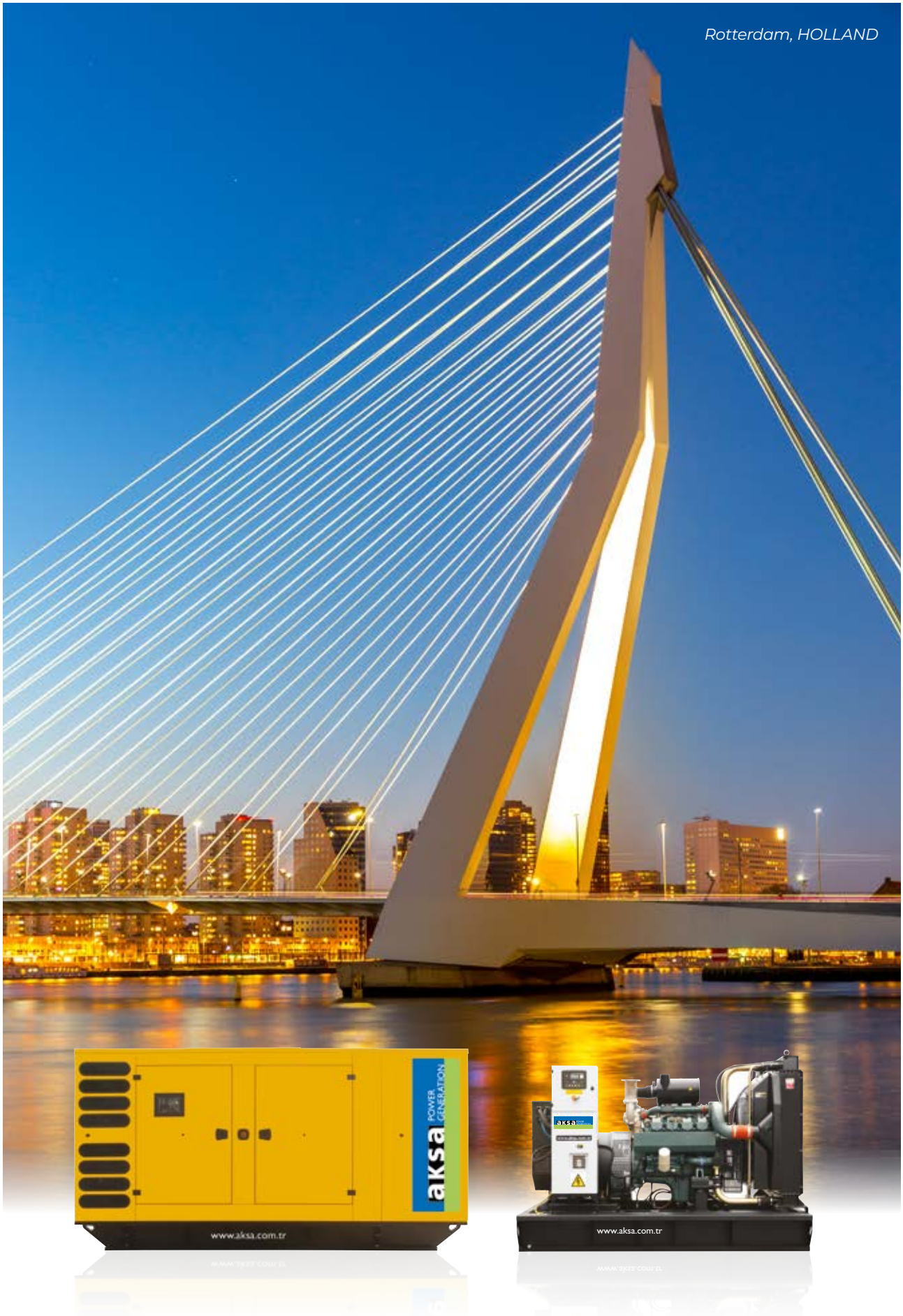
Standart Open Set Specifications

- PERKINS, 4 cycle, water cooled 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electrical governor
- Electric Starter & Charge alternator
- Normal duty, dry type air filter
- Single bearing alternator, IP23 enclosure, class H insulation
- Standard voltage 400 / 230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in base frame between AP 450 - AP 715
- Flexible fuel connection hoses and lube - oil drain valve fitted
- 24 V D.C. battery set with cables and rack
- Industrial type silencer delivered loose
- Engine jacket water heater
- Manual for use and installation
- Modular silent canopies are available on the whole range

Three Phase Generating Sets General Specifications

Genset Specifications					Engine Specification							Open Version Genset		Canopy Version Genset		Control Panel
50 Hz., 400 / 230V.(1)						Cylinder				Fuel (3)		Dimension & Weight				
Model Name	kVA Cosφ 0,8		kW ISO 8528*		Engine Model	Type	Dis.	Bore	Stroke	Consumption %75 Load	Tank Capacity	L. x W. x H.	Dry Weight	Canopy Model	Dry Weight	Model
	(1) Standby	(2) Prime	(1) Standby	(2) Prime		No.	L.	mm.	mm.	L. / h.	L.	mm.	kg.		kg.	Auto
AP 450	450	410	360	328	2206A-E13TAG3	I-6	12,5	130	157	62	850	3205x1550x2105	3260	MS 80	4400	
AP 500	500	455	400	364	2506A-E15TAG1	I-6	15,2	137	171	72	850	3248x1550x2103	3650	MS 80	4800	
AP 550	550	500	440	400	2506A-E15TAG2	I-6	15,2	137	171	76	850	3248x1550x2103	3880	MS 80	4880	
AP 660	660	600	528	480	2806A-E18TA-G1A	I-6	18,1	145	183	90	1150	3450x1800x2171	4250	MS 86-AP660	5670	
AP 715	715	650	572	520	2806A-E18TAG2	I-6	18,1	145	183	97	1150	3450x1800x2171	4850	MS 86-AP660	5750	
AP 825	825	750	660	600	4006-23TAG2A	I-6	22,9	160	190	122	1100	4100x1705x2270	5250	AK 91	7300	
AP 850	850	770	680	616	2806A-E18T-TAG5	I-6	18,1	145	183	118	1600	4200x2204x2437	5380	MS 88	7350	
AP 880	880	800	704	640	4006-23TAG3A	I-6	22,9	160	190	130	1100	4100x1705x2270	5500	AK 91	7500	
AP 900	900	805	720	644	4006-23TAG3A	I-6	22,9	160	190	130	1100	4100x1705x2270	6250	AK 91	7650	
AP 1000	1000	910	800	728	4008TAG1A	I-8	30,6	160	190	143	1500	4786x1973x2205	6670	AK 96-AP1125	10200	P 732
AP 1125	1125	1023	900	818,4	4008TAG2A	I-8	30,6	160	190	162	1500	4786x1972x2205	6920	AK 96-AP1125	10350	
AP 1250	1250	1125	1000	900	4008-30TAG3	I-8	30,6	160	190	188	1500	4646x2130x2007	7000	AK 96-AP1250	11200	
AP 1400	1400	1265	1120	1012	4012-46TWG2A	12V	45,5	160	190	196	1900	4905x1914x2392	8865	AK 96-AP1400	11200	
AP 1650	1650	1500	1320	1200	4012-46TAG2A	12V	45,8	160	190	236	1900	4920x2151x2438	10200	AK 98	14300	
AP 1875	1875	1705	1500	1364	4012-46TAG3A	12V	45,8	160	190	272	2200	5816x2220x2787	10400	AK 99	17500	
AP 2000	2000	1850	1600	1480	4016-61TRG1	16V	61,1	160	190	300	2200	5901x2417x3018	13550	AK 99	17550	
AP 2250	2250	2000	1800	1600	4016-61TRG2	16V	61,1	160	190	312	2200	5901x2417x3020	13550	AK 99	17550	
AP 2500	2500	2250	2000	1800	4016-61TRG3	16V	61,1	160	190	349	2200	5901x2417x3020	14000	AK 99	18000	

(1) Emergency Standby Power (ESP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source ESP is in accordance with ISO 8528. Overload is not allowed.
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(3) Fuel consumption according to Standby.
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Rotterdam, HOLLAND
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HD HYUNDAI INFRACORE

Diesel Generator Sets

Standby & Prime

185 - 1015 kVA

Standart Open Set Specifications

- HYUNDAI 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electronic governor control
- Electric Starter & charge alternator (24 V D.C.)
- Normal duty, dry type air filter
- Single bearing alternator, IP23 enclosure, class H insulation
- Standard voltage 400 / 230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in the base frame
- Flexible fuel connection hoses and lube-oil drain valve fitted
- 24 V D.C. battery set with cables and rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosure

Three Phase Generating Sets General Specifications

Genset Specifications					Engine Specification							Open Version Genset		Canopy Version Genset		Control Panel
50 Hz., 400 / 230V.(1)						Cylinder				Fuel (3)		Dimension & Weight				
Model Name	kVA Cosφ 0,8		kW ISO 8528*		Engine Model	Type	Dis.	Bore	Stroke	Consumption %75 Load	Tank Capacity	L. x W. x H.	Dry Weight	Canopy Model	Dry Weight	Model
	(1) Standby	(2) Prime	(1) Standby	(2) Prime		No.	L.	mm.	mm.	L. / h.	L.	mm.	kg.		kg.	Auto
AD 185	185	168	148	134,4	P086TI-1	I-6	8,07	111	139	26,7	380	2425x1150x1847	1750	AK 50 TRP	2050	P 732
AD 220	220	200	176	160	P086TI	I-6	8,07	111	139	31,7	380	2425x1150x1847	1830	AK 50 TRP	2205	
AD 275	275	250	220	200	P126TI	I-6	11,05	123	155	43,6	470	2750x1300x1785	2335	MS 60	2985	
AD 330	330	300	264	240	P126TI-II	I-6	11,05	123	155	47	470	2868x1300x1787	2410	MS 60	3100	
AD 410	410	370	328	296	DP126LB	I-6	11,05	123	155	57,1	700	2965x1550x2079	3050	MS 70	3920	
AD 490	485	425	388	340	P158LE	8V	14,62	128	142	65,1	700	2900x1550x2062	3170	MS 70 TRP	4190	
AD 510	510	460	408	368	DP158LC	8V	14,62	128	142	72,9	700	2900x1550x2062	3190	MS 70 TRP	4140	
AD 580	580	525	464	420	DP158LD	8V	14,62	128	142	83,4	700	3104x1550x3104	3390	MS 70 TRP	4240	
AD 630	630	575	504	460	DP180LA	10V	18,27	128	142	94,2	850	3258x1550x1994	3720	MS 80 TRP	4835	
AD 710	710	640	568	512	DP180LB	10V	18,27	128	142	103,8	850	3205x1550x2029	4000	MS 80 TRP	4940	
AD 750	740	675	592	540	DP222LB	12V	21,93	128	142	109,2	1000	3470x1550x2262	4190	MS 85 TRP	5400	
AD 825	825	750	660	600	DP222LC	12V	21,93	128	142	119,1	1000	3470x1550x2262	4320	MS 85 TRP	5535	
AD 900	900	810	720	648	DP222CB	12V	21,93	128	142	145	1600	-	-	MS 88	-	
AD 1015	1015	915	812	732	DP222CC	12V	21,93	128	142	162	1600	4200x2204x2257	6500	MS 88	7220	

(1) Emergency Standby Power (ESP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source ESP is in accordance with ISO 8528. Overload is not allowed.
(2) Prime Power (PRP): Applicable for suppliyng power to varying electrical load for unlimited hours. 10% overload capability is avaliable for a period
(3) Fuel consumption according to Standby.
* ISO 8528: Ratings are given for 25 C ambient temperature. Altitude: 100 m. above sea level. Derating, please contact us or refer to data sheet.
Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.

Baku, AZERBAIJAN





VOLVO PENTA

Diesel Generator Sets

Standby & Prime

350 - 770 kVA

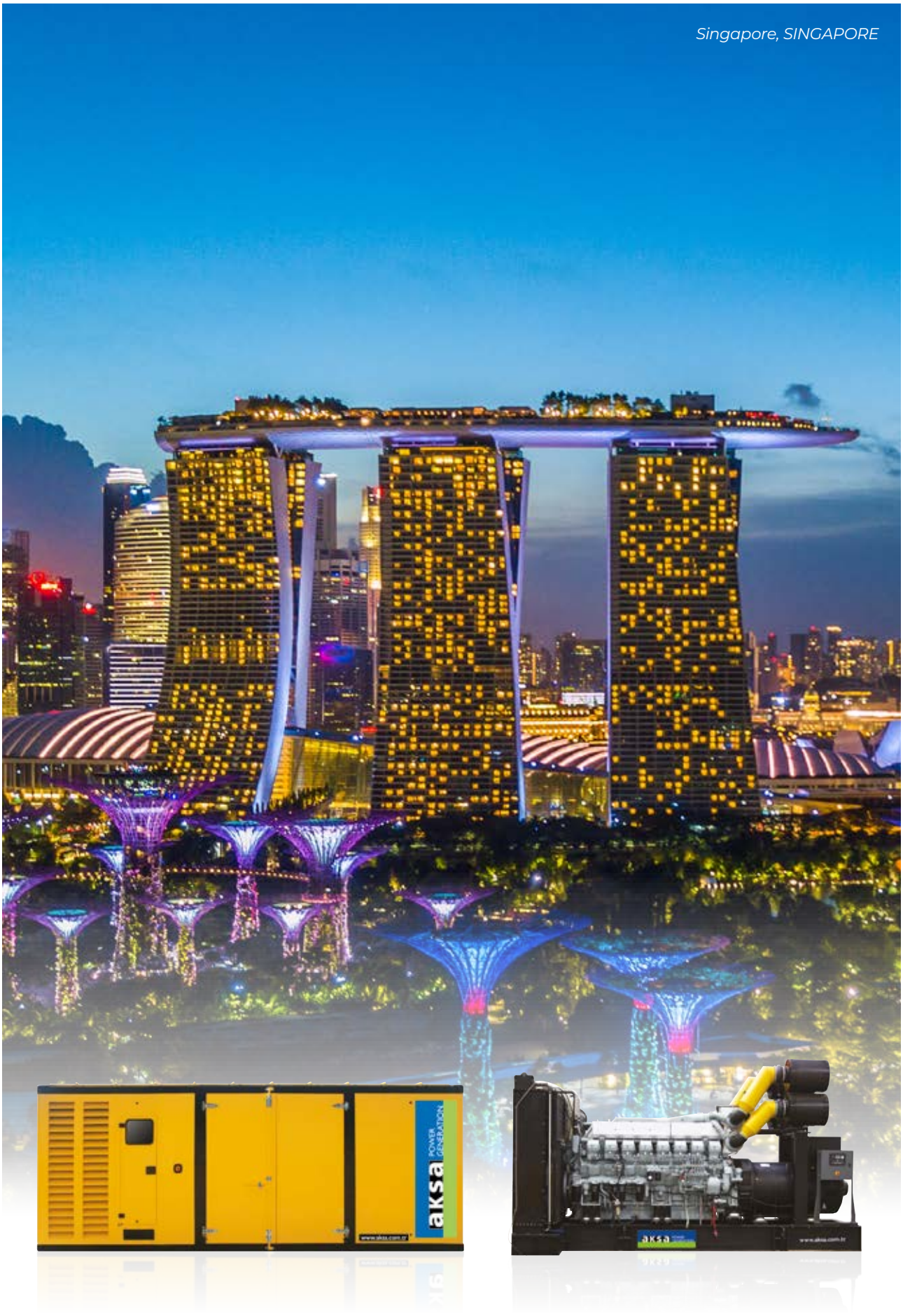
Standart Open Set Specifications

- VOLVO 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electronic governor control
- Electric Starter & charge alternator (24 V D.C.)
- Normal duty, dry type air filter
- Single bearing alternator, IP23 enclosure, class H insulation
- Standard voltage 400 / 230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in the base frame
- Flexible fuel connection hoses and lube-oil drain valve fitted
- 24 V D.C. battery set with cables and rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosure

Three Phase Generating Sets General Specifications

Genset Specifications					Engine Specification							Open Version Genset		Canopy Version Genset		Control Panel
50 Hz., 400 / 230V.(1)						Cylinder				Fuel (3)		Dimension & Weight				
Model Name	kVA Cosφ 0,8		kW ISO 8528*		Engine Model	Type	Dis.	Bore	Stroke	Consumption %75 Load	Tank Capacity	L. x W. x H.	Dry Weight	Canopy Model	Dry Weight	Model
	(1) Standby	(2) Prime	(1) Standby	(2) Prime		No.	L.	mm.	mm.	L. / h.	L.	mm.	kg.		kg.	Auto
AVP 350	350	320	280	256	TAD1341GE	6L	12.78	131	158	48.1	700	2900x1550x1923	2940	MS 70	3970	
AVP 385	385	350	308	280	TAD1342GE	6L	12.78	131	158	53.3	700	2900x1550x1923	2990	MS 70	3980	
AVP 415	415	380	332	304	TAD1343GE	6L	12.78	131	158	57,05	700	2953x1550x1923	3190	MS 70	4080	
AVP 450	450	410	360	328	TAD1344GE	6L	12.78	131	158	62.31	700	2934x1550x1923	3210	MS 70	4240	
AVP 505	505	455	404	364	TAD1345GE	6L	12.78	131	158	68,13	700	2934x1550x1923	3240	MS 70	4245	P 732
AVP 550	550	500	440	400	TAD-1641GE-B	6L	16.12	144	165	78,21	850	3341x1550x2196	3240	MS 80	4660	
AVP 660	660	600	528	480	TAD 1642GE-B	6L	16.12	144	165	88,4	850	3341x1550x2196	3250	MS 80	4970	
AVP 720	720	650	576	520	TWD-1644GE	6L	16.12	144	165	106,53	1000	3537x1550x2253	-	MS 85	-	
AVP 770	770	700	616	560	TWD-1645GE	6L	16,12	144t	165	121,1	1000	3465x1550x2255	4550	MS 85	5800	

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(3) Fuel consumption according to Standby.
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Singapore, SINGAPORE
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MITSUBISHI DIESEL ENGINES

Diesel Generator Sets

Standby & Prime

1425 - 2750 kVA

Standart Open Set Specifications

- MITSUBISHI 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electronic governor control
- Electric Starter & charge alternator (24 V D.C.)
- Normal duty, dry type air filter
- Single bearing alternator, IP23 enclosure, class H insulation
- Standard voltage 400 / 230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in the base frame
- Flexible fuel connection hoses and lube-oil drain valve fitted
- 24 V D.C. battery set with cables and rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosure

Three Phase Generating Sets General Specifications

Genset Specifications					Engine Specification							Open Version Genset		Canopy Version Genset		Control Panel
50 Hz., 400 / 230V.(1)						Cylinder				Fuel (3)		Dimension & Weight				
Model Name	kVA Cosφ 0,8		kW ISO 8528*		Engine Model	Type	Dis.	Bore	Stroke	Consumption %75 Load	Tank Capacity	L. x W. x H.	Dry Weight	Canopy Model	Dry Weight	Model
	(1) Standby	(2) Prime	(1) Standby	(2) Prime		No.	L.	mm.	mm.	L. / h.	L.	mm.	kg.		kg.	Auto
APD 1425 M	1425	1290	1140	1032	S12R-PTA	12V	49.03	170	180	204.7	2000	4390x2040x2217	9300	AK 96	13580	P 732
APD 1650 M	1650	1500	1320	1200	S12R-PTAA2	12V	49.03	170	180	234.2	2000	4970x2212x3022	11400	AK 99	15450	
APD 1915 M	1915	1750	1532	1400	S16R-PTA	16V	65.37	170	180	260.9	2000	5148x2245x2545	13850	AK 99	17700	
APD 2100 M	2100	1875	1680	1500	S16R-PTA2	16V	65.37	170	180	305.1	2000	5223x2245x2608	13100	AK 99	18350	
APD 2250 M	2250	2000	1800	1600	S16R-PTAA2	16V	65.37	170	180	313.1	2000	5700x2192x3390	14200	AK 99	19000	
APD 2500 M	2500	2250	2000	1800	S16R2-PTAW	16V	79.9	170	220	362	2000	6146x2380x3392	14700	AK 100	21420	
APD 2750 M	2750	2500	2200	2000	S16R2-PTAW2-E	16V	79.90	170	220	390	2000	6300x2410x3300	15000	AK 100	21670	

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(3) Fuel consumption according to Standby.
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St. Louis, MISSOURI
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JOHN DEERE

Diesel Generator Sets

Standby & Prime

33 - 275 kVA

Standart Open Set Specifications

- JOHN DEERE 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Mechanical governor
- Electronic governor (AJD 275)
- Electric Starter & Charge alternator
- Normal duty, dry type air filter
- Single bearing alternator, IP23 enclosure, class H insulation
- Standard voltage 400 / 230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in the base frame
- Flexible fuel connection hoses and lube-oil drain valve fitted
- 12 V D.C. battery with Cables and Rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Modular silent canopies are available on the whole range

Three Phase Generating Sets General Specifications

Genset Specifications					Engine Specification							Open Version Genset		Canopy Version Genset		Control Panel
50 Hz., 400 / 230V.(1)						Cylinder				Fuel (3)		Dimension & Weight				
Model Name	kVA Cosφ 0,8		kW ISO 8528*		Engine Model	Type	Dis.	Bore	Stroke	Consumption %75 Load	Tank Capacity	L. x W. x H.	Dry Weight	Canopy Model	Dry Weight	Model
	(1) Standby	(2) Prime	(1) Standby	(2) Prime		No.	L.	mm.	mm.	L. / h.	L.	mm.	kg.		kg.	Auto
AJD 33	33	30	26,4	24	3029DFG20	I-3	2.9	106	110	4.7	70	1490x900x1212	735	AK 20	915	P 732
AJD 44	44	40	35,2	32	3029TFG20-A15	I-3	2.9	106	110	7.62	130	1789x950x1270	-	AK 30	1080	
AJD 66	66	60	52,8	48	3029HFG20	I-3	2.9	106	110	10.79	130	1780x950x1336	850	AK 30	1400	
AJD 88	88	81	70,4	64,8	4045TFG20-A15	I-4	4.5	106	127	15.13	240	2150x1050x1521	1180	AK 40	1580	
AJD 110	110	100	88	80	4045HFG20 (103kW)	I-4	4.5	106	127	17.82	240	2150x1050x1736	1220	AK 40	1570	
AJD 132	132	120	105,6	96	4045HFG20 (122kW)	I-6	4.5	106	127	21.6	340	2300x1080x1618	-	AK 49	1870	
AJD 170	170	155	136	124	6068HFG20 (157kW)	I-6	6.8	106	127	25.8	340	2303x1050x1846	1540	AK 49	1960	
AJD 200	200	180	160	144	6068HFG20 (184kW)	I-6	6.8	106	127	30.5	340	2320x1050x1847	1650	AK 49	2050	
AJD 220	220	200	176	160	6068HFG20 (202kW)	I-6	6.8	106	127	35.06	340	2300x1080x1838	-	AK 49	-	
AJD 275	275	250	220	200	6068HFG55	I-6	6.8	106	127	40.22	470	2750x1300x1864	2055	MS 60	2735	

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Control Panels

	Main Features	Panel Models*	
		P 732	P 612
Operation	Control with	DSE7320 MKII	DSE 6120 MKIII
	Modes: Stop/Auto/Manual/Test/Start	•	•
	LCD display Scroll push-button	•	•
	Eventlog push button	250	100
	Menu navigation buttons	•	•
	Transfer to mains button	•	•
	Transfer to generator button	•	•
	Emergency stop push-button	•	•
Genset Instruments	3 Phase voltage UV, VW, WU	•	•
	Neutral NU, NV, NW	•	•
	3 Phase current U, V, W	•	•
	Frequency	•	•
	Total kVA	•	•
	Total kW	•	•
	Power factor Cosf	•	•
	kVAr	•	•
	kWh, kVAh, kVArh	•	•
	Phase sequence	•	x
	Earth current	°	x
Mains Instruments	3 Phase voltage L1L2, L2 L3, L3L1	•	•
	Neutral NL1, NL2, NL3	•	•
	Frequency	•	•
Engine Instruments	Oil pressure	•	•
	Coolant temperature	•	•
	Run time	•	•
	Speed in RPM	•	•
	Battery voltage	•	•
	Fuel Level	°	°
	Engine maintenance due	•	•
Engine Shut Down Protection	Low oil pressure	•	•
	High engine temperature	•	•
	Under / Over speed	•	•
	Low water level	•	°
	Fail to start	•	•
	Stop failure	•	•
	Emergency stop	•	•
	Oil pressure sensor open	•	•
Engine Pre-alarms Warning	Charge fail	•	•
	Low oil pressure	•	•
	High engine temperature	•	•
	Low engine temperature	•	•
	Low/ High battery volts	•	•
	Under speed	•	•
	Low fuel level	°	°
Alternator Shut Down Protection	Under / Over volt	•	•
	Under / Over frequency	•	•
	Over current	•	•
	kW over load	•	•
	Unbalanced Load	•	x
	Negative phase sequence	•	x
	Earth fault	°	x
	Phase rotation	•	x
	Short circuit	°	°
Alternator Pre-alarms	Under / Over volt	•	•
	Under / Over frequency	•	•
	kW over load	•	°
	Negative phase sequence	•	x
Mains Failure	Under / Over volt	•	•
	Under / Over frequency	•	•
	Out of limit	•	•
Auto	ATS change - over control	•	•
	Remote start	•	•
Miscellaneous	Static battery charger	•	•
	Water preheating control	•	•
	Alarm buzzer	°	x
	RS 232 communication	•	x
	RS 485 communication	•	x









LED: Icon Display · Standard ° Optional x Not Available

*** Tailor-made PLC design can be selected.**

Sound Proof Canopies

Canopy Model	Dimensions		
	Length mm.	Width mm.	Height mm.
AK 10	1850	910	1181
AK 11	1955	910	1171
AK 20	2100	960	1441
AK 21	2096	1030	1290
AK 30	2466	1010	1553
AK 40	3100	1113	1811
AK 49	3402	1147	2032
AK 50	3402	1217	2032
MS 60	3960	1356	2167
MS 70	4460	1606	2547
MS 80	4810	1606	2615
MS 85	5297	1606	2656
MS 86	5410	1864	2654
MS88 - AD1015	5513	2260	2655
AK 90	6500	2200	2353
AK 91	5920	2200	2353/ 3328
AK 96	7500	2300	2500
AK 98	9000	2270	2500 / 3170
AK 99	9000	2800	3300 / 4800
AK 100	9633	2800	3300 / 4700


AK 10 - 20 - 30


AK 40 - 50


MS 60 - 70


MS 80 - 88


AK 90 -96 - 98


AK 99 - 100

General Specifications of Silent Type Enclosure

AK 10 - 50 and MS 60 - 88 Models

- Modular design.
- Soundproofed canopy kit.
- Anti - corrosion powder coated phosphate priming.
- Colour black / yellow (RAL 9005 / RAL 1003).
- Insulated with acoustic foam lining.
- Two and four point lifting capability for full weight.
- Heat shield protection.
- Lockable doors with key.
- Protective mesh for rotating parts.
- Exterior emergency stop push button.
- Residential silencer inside canopy.
- Thermally insulated engine exhaust system.
- Doors on each side.
- Panel window.
- Access to radiator filling or cap.
- Oil drains and breather (sump) extended outside canopy
- On road trailer for soundproofed canopy is available.
- Aksa makes its generating sets' noise level tests in
- accordance with directive 2000/14/EC validation of the noise level test has been approved by the notified body Szutest.
- MS 80, 85, 88 lifting hooks should be removed during transportation for 40 Ft high cube container

AK90 to AK99 Models

- Modular design.
- Require a concrete pad.
- Model AK 99 enclosure is drop over style.
- Body made from steel components treated with polyester powder coating.
- Acoustic fire retardant foam is covered inside the
- enclosure.
- Easy access to all service points and integrated ladder.
- The enclosure have four lifting points.
- Cooling fan and battery charging alternator guarded.
- Control panel viewing window in a lockable access door.
- Colour black / yellow (RAL 9005 / RAL 1003).
- Sump oil draining manual pump.
- Breather (sump) extended outside the enclosure.
- Enclosure floor is covered with chequered aluminium plates (AK90-AK98)

Containers

General Specifications of Silent Type Containers

- Four sizes are avaliable: 20, 30, 40 feet High Cube containers.
- Sandwich mineral wool attenuation for wall and ceiling.
- Ribbed aluminium sheet internal floor.
- Large lockable doors.
- Acoustic baffles for the air inlet and outlet.
- Residential silencer with stainless steel flexible bellows.
- Ceiling mounted fluorescent light fittings.
- White paint finishing (RAL 9010).

Enclosures Model	Length mm.	Width mm.	Height mm.	FUEL TANK L.
SC20	6060	2440	2591	-
SC30	9130	2440	2600	-
SCH30	9130	2440	2800	-
SC40	12200	2440	2600	-
SCH40	12200	2440	2800	-





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