

# INDEX

Introduction	2
Diesel Generating Sets	4
Control Panels & Power Panels	14
Canopies	16
Container	18
Mobile Lighting Towers	19



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 2500 kVA manufactured per year in its two production facilities in Istanbul (Turkey, 20.000sqm. indoor) and Changzhou (China, 20.000 sqm. indoor).

Today, exporting more than %50 of its production, Aksa Power Generation progresses towards the goal of succes globally. With its 10 international offices, Aksa supplies generating sets all around the world.



Aksa Power Generation keeps continually investing in technology to be a pioneer of innovation. Being one of the first natural gas generating sets manufacturers in the world, Aksa 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.

**Aksa 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 Aksa 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.

**Aksa Service & Spare Parts** company provides around the clock emergency parts and service support for Aksa products. To keep Aksa products in top condition throughout the world, the company is dedicated to offer "the best" to its customers with 110 country-wide authorized dealerships, 500 technical support employees and spare parts stocks in after sales service, assistance and support.

### International offices of Aksa Power Generation



Algeria



China



Iran



Iraq



Kazakhstan



Nigeria



Philippines



Singapore



U.A.E



United Kingdom



Vietnam





# Diesel Generating Sets



60 Hz from 28 kW to 148 kW

## THREE PHASE GEN - SETS General Specifications

Genset Specifications								Engine Specifications						Fuel	Alter-nator	Open Version Genset		Silent Version Genset		Control Panel		
60 Hz Model	480 / 277 V		380 / 220 V		208 / 120 V		Standby Net Power kWm	Engine Model	Cylinder					Fuel Consumption 75 % Load L/h.	Tank Capacity L.	Type	Dimension & Weight		Canopy Model	Dry Weight kg.	Model	
	kW ISO 8528	kW ISO 8528	kW ISO 8528	kW ISO 8528	Standby	Prime			EPA	Governor type	Typ.	Cap.	Bore				Stroke	L. x W. x H.				Dry
AJD 28-6	28	25	27	24	27	24	32	3029 DF	X	Mech	3 L	2.9	106	110	6.3	110	BCI184G	1,86x0,92x1,35	760	ASM 4	1120	P 72
AJD 39 -6	39	35	36	33	37	33	44	3029TF	X	Mech	3 L	2.9	106	110	7,6	160	BC11845J	1,86x0,82x1,35	820	ASM 4	1180	
AJD 40-6	40	36	37	34	38	34	44,5	3029 TF270	Tier II	Mech	3 L	2.9	106	110	7.6	160	BCI184J	1,86x0,92x1,35	820	ASM 4	1180	
AJD 62-6	62	56	62	56	62	56	70	4045 TF270	Tier II	Mech	4 L	4.5	106	127	11.6	215	UCI224F	2,15x1,02x1,53	1050	ASM 5	1510	
AJD 68-6	68	62	68	62	68	62	77	4045TF120	X	Mech	4 L	4.5	106	110	12.6	215	UCI224F	2,15x1,02x1,53	1050	ASM 5	1510	
AJD 78-6	78	71	75	68	77	69	86	4045 TF220	X	Mech	4 L	4.5	106	110	13.5	215	UCI224G	2,15x1,02x1,53	1070	ASM 5	1530	
AJD 80-U	80	73	75	68	80	73	88	4045 HF285	Tier III	Electr	4 L	4.5	106	127	24.2	215	UCI224G	2,15x1,02x1,53	1200	ASM 5	1660	
AJD 96-6	96	88	90	82	96	88	106	4045 HF	X	Mech	4 L	4.5	106	127	20.6	215	UCI274C	2,15x1,02x1,53	1255	ASM5	1715	
AJD 97-6	97	88	95	86	96	88	106	4045 HF	X	Mech	4 L	4.5	106	127	20.6	215	UCI274D	2,15x1,02x1,53	1285	ASM 5	1745	
AJD 100-6	100	91	90	82	99	90	111	4045 HF275	Tier II	Electr	4 L	4.5	106	127	20.9	215	UCI274C	2,15x1,02x1,55	1255	ASM 5	1715	
AJD 101-6	101	91	100	90	100	90	111	4045 HF275	Tier II	Electr	4 L	4.5	106	127	20.9	215	UCI274D	2,15x1,02x1,55	1285	ASM 5	1745	
AJD 100-U	100	91	90	82	99	90	111	4045 HF285	Tier III	Electr	4 L	4.5	106	127	24.2	215	UCI274C	2,15x1,02x1,55	1265	ASM 5	1725	
AJD 101-U	101	91	100	90	100	90	111	4045 HF285	Tier III	Electr	4 L	4.5	106	127	24.2	215	UCI274D	2,15x1,02x1,55	1295	ASM5	1755	
AJD 123-6	123	111	105	96	115	105	135	4045 HF475	Tier II	Electr	4 L	4.5	106	127	24.2	215	UCI274D	2,15x1,02x1,55	1290	ASM 5	1750	
AJD 124-6	124	112	123	111	123	111	135	4045 HF475	Tier II	Electr	4 L	4.5	106	127	24.2	215	UCI274E	2,15x1,02x1,55	1350	ASM 5	1810	
AJD 125-6	125	113	105	96	115	105	137	6068 TF	x	Mech	6 L	6.8	106	127	25	360	UCI274D	2,3x1,12x1,6	1425	ASM 6	1930	
AJD 126-6	126	115	123	112	125	113	137	6068 TF	x	Mech	6 L	6.8	106	127	25	360	UCI274E	2,3x1,12x1,6	1470	ASM 6	1975	
AJD 128-U	128	116	123	112	127	115	139	6068 HF285	Tier III	Electr	6 L	6.8	106	127	27	360	UCI274E	2,45x1,12x1,6	1560	ASM 6	2075	
AJD 148-6	148	134	145	132	148	133	161	6068 HF	x	Mech	6 L	6.8	106	127	29.5	360	UCI274F	2,45x1,12x1,6	1605	ASM 6	2110	

### Standard Open Set Specifications

- Compact power units.
- John Deere four cycle, water cooled diesel engine.
- 50°C cooling radiator and fan.
- Electric starter & charge alternator.
- Dry type air filter.
- Single bearing alternator, IP21, class H insulation.
- Standard voltage 480/277 V, 380/220 V, 208/120 V, 60 Hz .
- Welded steel base frame with A/V mounting.
- Fuel tank built in the base frame
- Forklift pockets within base frame
- Flexible fuel connection hoses and lub-oil drain valve fitted.
- Starter batteries with cables and rack
- Industrial silencer and steel bellows delivered loose.
- Engine jacket water heater for automatic models.
- Manual for use and installation.
- Silent canopies/container are available on the whole of the range which can also be installed at a later date



[1] Available in the following voltages: 416 / 240, 440/254, 220/127 V.  
 [2] Standby Power: Standby duty, operation under variable load, without over load.  
 [3] Prime Power: Continuous duty operation, under variable load 24/24h - 10% over load permissible 1 hour/12 hours  
 \* ISO 8528 : Ratings are given for 25 °C ambiend 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.

# Diesel Generating Sets



60 Hz | from 153 kW to 404 kW

## THREE PHASE GEN - SETS General Specifications

Genset Specifications							Engine Specifications							Fuel	Alter-nator	Open Version Genset		Silent Version Genset		Control Panel		
60 Hz	480 / 277 V		380 / 220 V		208 / 120 V		Engine		Cylinder				Fuel	Tank Capacity	Type	Dimension & Weight		Canopy Model	Dry Weight	Model		
	Standby	Prime	Standby	Prime	Standby	Prime	Standby Net Power	Model	EPA	Governor type	Typ. No.	Cap. L.	Bore mm.			Stroke mm.	Consumption 75 % Load				L. x W. x H. m.	Dry kg.
AJD 153-U	153	139	145	132	152	138	166	6068 HF285	Tier III	Electr	6L	6.8	106	127	31.8	360	UCI274F	2,44x1,12x1,65	1600	ASM 6	2120	P 72
AJD 164-6	164	148	145	132	160	145	178	6068HF275-187	Tier II	Electr	6L	6.8	106	127	31.7	360	UCI274F	2,44x1,12x1,65	1580	ASM 6	2100	
AJD 165-6	165	148	160	145	164	147	178	6068HF275-187	Tier II	Electr	6L	6.8	106	127	31.7	360	UCI274G	2.45x1.12x1.65	1630	ASM 6	2150	
AJD 176-6	176	160	160	145	176	160	199	6068 HF275-210	Tier II	Electr	6L	6.8	106	127	35.5	360	UCI274G	2,44x1,12x1,65	1630	ASM 6	2150	
AJD 177-6	177	161	177	161	177	161	205	6068 HF	X	Mech	6L	6.8	106	127	38	360	UCI274G	2,44x1,12x1,6	1670	ASM 6	2190	
AJD 184-6	184	168	160	145	180	164	205	6068 HF	X	Mech	6L	6.8	106	127	35.5	360	UCI274H	2,44x1,15x1,65	1630	ASM 6	2150	
AJD 185-6	185	168	184	166	185	167	199	6068 HF275-210	Tier II	Electr	6L	6.8	106	127	35.5	360	UCI274H	2,44x1,12x1,65	1680	ASM 6	2200	
AJD 248-6	248	216	227	206	248	214	268	6081 H	X	Mech	6L	8.1	116	129	47.7	420	UCI274K	2,9x1,17x1,9	2120	ASM 7	2860	
AJD 250-6	250	215	248	213	249	214	268	6081 H	X	Mech	6L	8.1	116	129	47.7	420	HCI444D	2,9x1,17x1,9	2335	ASM 7	3075	
AJD 354-U	354	312	322	292	352	320	379	6135HF485	Tier III	Electr	6L	12.5	127	165	63	650	HCI444E	3,15x1,17x2,05	3550	AK 70	4830	
AJD 355-U	355	321	352	320	354	320	379	6135HF485	Tier III	Electr	6L	12.5	127	165	63	650	HCI444F	3,15x1,17x2,05	3690	AK 70	4970	
AJD 372-6	372	338	320	292	352	320	399	6125 HF	X	Electr	6L	12.5	127	165	63	650	HCI444E	3,15x1,17x2,05	3250	AK 70	4530	
AJD 374-6	374	338	365	332	370	336	399	6125 HF	X	Electr	6L	12.5	127	165	68	650	HCI444F	3,15x1,17x2,05	3390	AK 70	4670	
AJD 400-6	400	336	365	332	400	336	437	6125 HF	X	Electr	6L	12.5	127	165	68	650	HCI444F	3,15x1,17x2,05	3390	AK 70	4670	
AJD 404-6	404	340	404	337	404	340	437	6125 HF	X	Electr	6L	12.5	127	165	68	650	HCI544C	3,23x1,17x2,05	3490	AK 70	4770	

### Standard Open Set Specifications

- Compact power units.
- John Deere four cycle, water cooled diesel engine.
- 50° C cooling radiator and fan.
- Electric starter & charge alternator.
- Dry type air filter.
- Single bearing alternator, IP21, class H insulation.
- Standard voltage 480/277 V, 380/220 V, 208/120 V, 60 Hz.
- Welded steel base frame with A/V mounting.
- Fuel tank built in the base frame
- Flexible fuel connection hoses and lub-oil drain valve fitted.
- Starter batteries with cables and rack
- Industrial silencer and steel bellows delivered loose.
- Engine jacket water heater for automatic models.
- Manual for use and installation.
- Silent canopies are available on the whole of the range



[1] Available in the following voltages: 416 / 240 V, 440/254 V, 220/127 V.  
 [2] Standby Power: Standby duty, operation under variable load, without overload.  
 [3] Prime Power: Continuous duty operation, under variable load 24 / 24 hr. 10 % overload permissible 1 hour / 12 hours.  
 \* 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.

## Diesel Generating Sets



60 Hz from 140 kW to 501 kW

### THREE PHASE GEN - SETS General Specifications

Genset Specifications							Engine Specifications						Fuel	Alter-nator	Open Version Genset		Silent Version Genset		Control Panel		
60 Hz	480 / 277 V		380 / 220 V		208 / 120 V		Engine Model	Cylinder				Fuel Consumption 75 % Load	Tank Capacity	Type	Dimension&Weight		Canopy Model	Dry Weight	Model		
	Standby	Prime	Standby	Prime	Standby	Prime		EPA	Typ.	Cap.	Bore				Stroke	L. x W. x H.				Dry	kg.
Model	kW ISO 8528	kW ISO 8528	kW ISO 8528	kW ISO 8528	Standby Net Power kWm	Model	No.	L.	mm.	mm.	L / h.	L.		m.	kg.		kg.				
ACQ 140 U	140	124	123	112	140	124	160	QSB7-G2	Tier3	6 L	6,7	107	124	31	360	UCI274E	2,32x1,12x1,64	1650	ASM 6	2170	P 72
ACQ 150 U	150	138	145	132	150	138	172	QSB7-G3	Tier3	6 L	6,7	107	124	33	360	UCI274F	2,32x1,12x1,64	1700	ASM 6	2220	
AC 182-6	182	166	160	145	180	164	199	6CTA8,3-G2		6 L	8,3	114	135	35	360	UCI274G	2,35X1,12X1,67	1700	ASM 6	2200	
ACQ 200-U	200	180	200	180	200	180	227	QSB7-G5	Tier3	6 L	6,7	107	124	40	420	UCI274J	2,9x1,15x1,75	1980	ASM 7	2740	
AC 285-6	285	260	285	260	285	260	310	NT 855-G6		6 L	14	140	152	56	420	HCI444E	3,23x1,17x2	3170	AK 70	4440	P 732
ACQ 300-6	300	275	300	272	300	275	343	QSL9-G5		6 L	8,8	114	145	55	420	HCI444E	3x1,15x1,9	3150	AK 70	4400	
AC 352-6	352	320	352	320	352	320	384	NTA 855-G3		6 L	14	140	152	66	420	HCI444F	3,23x1,17x2	3250	AK 70	4500	
ACQ 400-6	400	360	396	360	398	360	424	QSX15-G6		6 L	15	137	169	75,2	650	HCI544C	3,6x1,32x2	4485	AK 80	5900	
AC 496-6	496	444	461	420	496	444	526	KTA 19 G4		6 L	18,9	159	159	94	650	HCI544D	3,43x1,32x2,12	4520	AK 80	5970	
AC 500-6	500	446	497	445	497	445	526	KTA 19 G4		6 L	18,9	159	159	94	650	HCI544E	3,5x1,32x2,12	4670	AK 80	6120	
ACQ 500-6	500	451	462	420	500	450	529	QSX 15 G9		6 L	15	137	169	90,5	650	HCI544D	3,6x1,32x2	4385	AK 80	5800	
ACQ 501-6	501	452	500	450	500	450	529	QSX 15 G9		6 L	15	137	169	90,5	650	HCI544E	3,6x1,32x2	4470	AK 80	5890	

### Standard Open Set Specifications

- Compact power units.
- Cummins Four cycle, water cooled diesel engine.
- 50°C cooling radiator and fan.
- Electronical governor.
- Mechanical governor on AC 182-6.
- Electric Starter & Charge alternator.
- Dry type air filter.
- Single bearing alternator, IP21, class H insulation.
- Standard voltage 480/277 V, 380/220 V, 208/120 V, 60 Hz
- Welded steel base frame with A/V mounting.
- Fuel tank bult in the base frame.
- Flexible fuel connection hoses and lub-oil drain valve fitted.
- Starter battery with cables and rack
- Industrial silencer and steel bellows delivered loose.
- Engine jacket water heater for automatic models.
- Manual for use and installation.



[1] Available in the following voltages: 416 / 240 V, 440 / 254 V, 220 / 127 V.  
 [2] Standby Power: Standby duty, operation under variable load, without over load  
 [3] Prime Power: Continuous duty operation, under variable load 24/24h - 10% over load permissible 1 hour/12 hours  
 \* ISO 8528 : Ratings are given for 25 °C ambiend 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.



## Diesel Generating Sets



60 Hz from 600 kW to 2000 kW

### THREE PHASE GEN - SETS General Specifications

Genset Specifications								Engine Specifications					Fuel	Alternator	Open Version Genset		Silent Version Genset		Control Panel		
60 Hz	480 / 277 V		380 / 220 V		208 / 120 V		Standby Net Power kWm	Engine Model	Cylinder				Consumption 75 % Load L / h.	Tank Capacity L	Type	Dimension & Weight		Canopy Model	Dry Weight kg.	Model	
	Model	kW ISO 8528 Standby	kW ISO 8528 Prime	kW ISO 8528 Standby	kW ISO 8528 Prime	kW ISO 8528 Standby			kW ISO 8528 Prime	Typ. No.	Cap. L.	Bore mm.				Stroke mm.	L. x W. x H. m.				Dry kg.
AC 600-6	600	544	592	538	600	544	637	VTA 28 G5	12 V	28	140	152	118	650	HCI544F	4X1,42x 2,16	5590	AK 85	7290		
ACQ 800-6	800	724	704	640	770	700	866	QSK 23-G3	6 L	23	170	170	139	1100	HCI634G	4.25x1.71x2.2	6390	AK 90	9300		
ACQ 801-6	801	728	800	726	800	728	866	QSK 23-G3	6 L	23	170	170	139	1100	HCI634H	4.25x1.71x2.2	6530	AK 90	9430		
ACQ 900-6	900	830	824	750	900	820	973	QST 30-G3	12 V	30,5	140	165	154	1250	HCI634H	4.2x1.77x2.35	7200	AK 96	11100		
ACQ 901-6	901	830	900	830	900	830	973	QST 30-G3	12 V	30,5	140	165	154	1250	HCI634J	4.4x1.77x2.35	7400	AK 96	11300		
ACQ 1000-6	1000	920	924	840	1000	920	1080	QST 30-G4	12 V	30,5	140	165	177	1250	HCI634J	4.4x1.77x2.35	7500	AK 96	11500		
ACQ 1001-6	1001	925	1000	925	1000	925	1080	QST 30-G4	12 V	30,5	140	165	177	1250	HCI634K	4.5x1.77x2.35	7750	AK 96	11650		
								416 / 240 V													
AC 1265-6	1265	1124	1179	1072	1262	1120	1342	KTA 50-G3	16 V	50,3	159	159	222	2000	PI734B	4.96x2.12x2.45	9600	AKS 100	14700		
AC 1272-6	1272	1128	1272	1124	1272	1124	1342	KTA 50-G3	16 V	50,3	159	159	222	2000	PI734C	4.96x2.12x2.45	10000	AKS 100	15000		
AC 1530-6	1530	1288	1320	1200	1496	1284	1621	KTA 50-G9	16 V	50,3	159	159	257	2000	PI734C	5.5x2.15x2.55	10400	AKS 101	16400		
AC 1540-6	1540	1288	1540	1288	1540	1288	1621	KTA 50-G9	16 V	50,3	159	159	257	2000	PI734E	5.65x2.15x2.55	10700	AKS 101	16700		
ACQ 2000-6	2000	1816	1813	1648	2000	1816	2118	QSK 60-G6	16 V	60,2	159	190	356	2000	PI734F	6.05x2.5x3.25	14500	SCH 40	x		
ACQ 2000-6	2000	1816	1813	1648	2000	1816	2118	QSK 60-G7	16 V	60,2	159	190	356	2000	PI734F	6.05x2.5x3.25	14500	SCH 40	x		

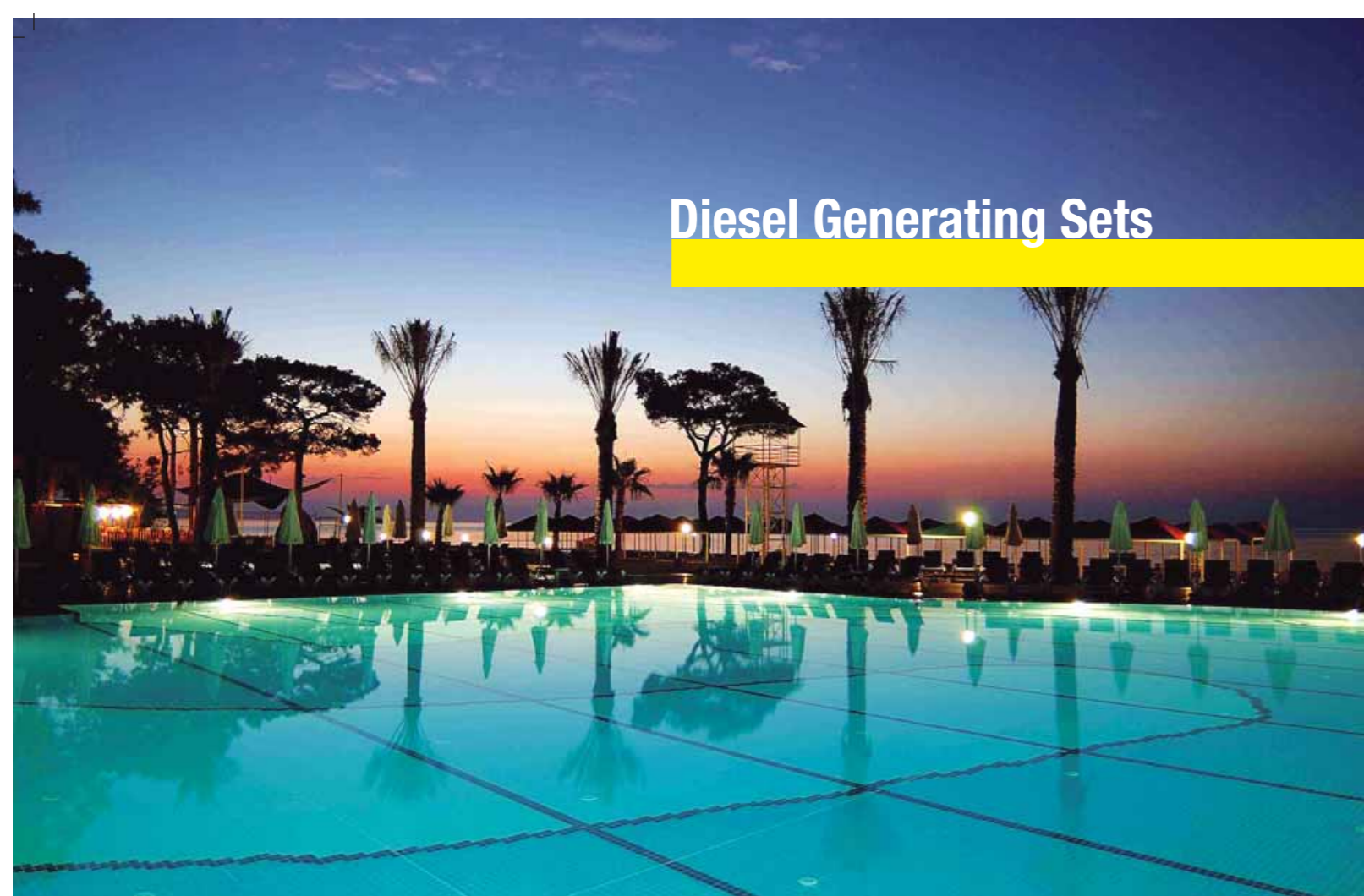
### Standard Open Set Specifications

- Compact power units.
- Cummins four cycle, water cooled diesel engine.
- 50°C cooling radiator and fan.
- Electronical governor.
- Electric starter & charge alternator.
- Dry type air filter.
- Single bearing alternator, IP21, class H insulation.
- Standard voltage 480/277 V, 380/220 V, 208/120 V, 60 Hz .
- Welded steel base frame with A/V mounting.
- Flexible fuel connection hoses and lub-oil drain hand pump fitted.
- Starter batteries with cables and rack
- Industrial silencer and steel bellows delivered loose.
- Engine jacket water heater for automatic models.
- Manual for use and installation.
- Silent canopies/container are available on the whole of the range



(1) Available in the following voltages : 416 / 240 V, 440 / 254 V.  
 (2) Standby Power: Standby duty, operation under variable load, without over load.  
 (3) Prime Power: Continuous duty operation, under variable load 24/24h - 10% over load permissible 1 hour/12 hours  
 \* ISO 8528 : Ratings are given for 25 °C ambiend 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.

# Diesel Generating Sets



60 Hz from 104 kW to 624 kW

## THREE PHASE GEN - SETS General Specifications

Genset Specifications						Engine Specifications						Fuel	Alter-nator	Open Version Genset		Silent Version Genset		Control Panel			
60 Hz	480 / 277 V		380 / 220 V		208 / 120 V		Engine		Cylinder			Fuel	Tank Capacity	Type	Dimension&Weight		Canopy Model	Dry Weight	Model		
Model	kW ISO 8528	kW ISO 8528	kW ISO 8528	kW ISO 8528	Standby Net Power kWm	Make	Model	Typ.	Cap.	Bore	Stroke	Consumption 75 % Load L / h.			L	L. x W. x H.				Dry	kg.
	Standby	Prime	Standby	Prime	Standby	Prime		No.	L	mm.	mm.				m.	kg.					
APD104-6	104	95	90	82	104	94	115	Cummins DCEC	6BT 5.9-G	6 L	5,9	102	120	20	195	Aksa	2.15x1.02x1.5	1300	ASM 5	1700	P 4
APD 125-6	125	118	123	112	125	118	140	Cummins DCEC	6BTA5.9-G2	6 L	5,9	102	120	25	195	Aksa	2.3x1.02x1.5	1370	ASM5C	1780	
APD 182-6	182	166	165	150	182	166	207	Cummins DCEC	6CTA 8.3-G2	6 L	8,3	114	135	35	360	Aksa	2.4x1.12x1.7	1820	ASM 6	2240	
APD 240-6	240	220	226	206	240	220	265	Cummins DCEC	6LTAA 8.9-G2	6 L	8,9	114	144	45,5	420	Aksa	2.9x1.15x1.85	2050	ASM 7	2760	P 732
AD 308-6	308	276	272	248	307	275	331	Doosan	P126TI-II	6 L	11,1	123	155	56	480	HC4D	3.2x1.2x1.65	2620	AK 70	3380	
AD 309-6	309	277	307	275	308	276	331	Doosan	P126TI-II	6 L	11,1	123	155	56	480	HC4E	3.2x1.2x1.65	2710	AK 70	3470	
AD 355-6	355	323	352	320	355	323	380	Doosan	P158LE-1	8 V	14,6	128	142	75	850	HC4F	3.36x1.4x2.05	2900	AK 71	4150	
AD 408-6	408	355	408	355	408	355	434	Doosan	P158LE	8 V	14,6	128	142	85	850	HC5C	3.4x1.4x2.05	3050	AK 81	4300	
AD 486-6	486	445	422	384	462	420	516	Doosan	P180LE	10 V	18,3	128	142	93,5	850	HC5C	3.4x1.4x2.05	3300	AK 81	4550	
AD 488-6	488	448	462	420	486	446	516	Doosan	P180LE	10 V	18,3	128	142	93,5	850	HD5D	3.4x1.4x2.05	3400	AK 81	4650	
AD 590 -6	590	537	548	498	590	537	624	Doosan	P222LE	12 V	21,93	128	142	112	950	HC5E	3.7x1.4x2.12	4250	AK 85	5780	
AD 592 -6	592	538	590	537	592	538	624	Doosan	P222LE	12 V	21,9	128	142	112	950	HC5F	3.7x1.4x2.12	4400	AK 85	6060	
AD 624-6	624	570	592	538	624	570	658	Doosan	P222LE-S	12 V	21,93	128	142	119	950	HC5F	3.7x1.4x2.2	4400	AK 85	6060	

### Standard Open Set Specifications

- Compact power units.
- Doosan and Cummins four cycle, water cooled diesel engine.
- Cooling radiator and fan.
- Electronical governor.
- Electric Starter & Charge alternator.
- Dry type air filter.
- Single bearing alternator, IP21, class H insulation.
- Standard voltage 480/277 V, 380/220 V, 208/120 V, 60 Hz
- Welded steel base frame with A/V mounting.
- Fuel tank bult in the base frame.
- Flexible fuel connection hoses and lub-oil drain valve fitted.
- Starter battery with cables and rack
- Industrial silencer and steel bellows delivered loose.
- Engine jacket water heater for automatic models.
- Manual for use and installation.
- Modular silent canopies are available on the whole of the range.



&

ACTIVE POWER DIESEL



[1] Available in the following voltages: 416 / 240 V, 440 / 254 V.

[2] Standby Power: Standby duty, operation under variable load, without over load

[3] Prime Power: Continuous duty operation, under variable load 24/24h - 10% over load permissible 1 hour/12 hours

\* ISO 8528 : Ratings are given for 25 °C ambiend 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.



Main Features	Panel Model		
	AMF P 732 DSE 7320	P 72 DSE 720	P 4 AMF 4.0
<b>Operation</b>			
Control with Modes: Stop/Auto/Manual/Test/Start	●	●	●
Up, Down and Menu buttons	x	x	●
LCD display Scroll push-button	●	●	x
Menu navigation buttons	●	x	x
Transfer to mains button	●	x	x
Transfer to generator button	●	x	x
Emergency stop push-button	●	●	●
<b>Genset Instruments</b>			
3 Phase voltage UV, VW, WU	● LCD	●	● LED display
Neutral NU, NV, NW	● LCD	N - U	● LED display
3 Phase current U, V, W	● LCD	● LCD	● LED display
Frequency	● LCD	● LCD	● LED display
Total kVA	● LCD	x	x
Total kW	● LCD	x	x
Power factor Cos φ	● LCD	x	x
kVAr	●	x	x
kWh, kVAh, kVArh	●	x	x
Phase sequence	●	x	x
Earth current	●	x	x
<b>Mains Instruments</b>			
3 Phase voltage L1L2, L2 L3, L3L1	● LCD	● LCD	● LED display
Neutral NL1, NL2, NL3	● LCD	● LCD	● LED display
Frequency	● LCD	x	● LED display
<b>Engine Instruments</b>			
Oil pressure	● LCD	● LCD	● LED display
Coolant temperature	● LCD	● LCD	● LED display
Run time	● LCD	● LCD	● LED display
Speed in RPM	● LCD	● LCD	x
Battery voltage	● LCD	● LCD	● LED display
Engine maintenance due	● LCD	x	x
<b>Engine Shut Down Protection</b>			
Low oil pressure	● LCD	● LED	● LED
High engine temperature	● LCD	● LED	● LED
Under / Over speed	● LCD	● LED	● LED
Low water level	● LCD	○	x
Fail to start	● LCD	● LED	● LED
Stop failure	● LCD	● LED	● LED
Emergency stop	● LCD	● LED	● LED
Oil pressure sensor open	● LCD	x	x
<b>Engine Warning</b>			
Charge fail	● LCD	● LED	● LED
Low oil pressure	●	x	x
High engine temperature	●	x	x
Low engine temperature	●	x	x
Low/ High battery volts	●	● LED	● LED
Under / Over speed	●	x	x
Low fuel level	●	x	x
<b>Alternator Shut Down Protection</b>			
Under / Over volt	● LCD	○	●
Under / Over frequency	● LCD	●	●
Over current	● LCD	●	●
kW over load	● LCD	x	x
Negative phase sequence	● LCD	x	x
Earth fault	● LCD	x	x
Phase rotation	● LCD	x	x
Short circuit	○	○	○
<b>Alternator Pre-alarms</b>			
Under / Over volt	●	x	x
Under / Over frequency	●	x	x
kW over load	●	x	x
Negative phase sequence	●	x	x
<b>Mains Failure</b>			
Under / Over volt	●	●	●
Under / Over frequency	●	●	x
Out of limit	●	●	●
<b>Auto</b>			
ATS change - over control	●	●	●
Remote start	●	●	●
<b>Miscellaneous</b>			
Static battery charger	●	●	●
Water preheating control	●	●	●
Alarm buzzer	○	○	○
RS 232 communication	●	x	x
RS 485 communication	●	x	x

● Standard  
○ Optional  
x Not Available



DSE 7320



DSE 720



AMF 4.0

## Automatic "Mains / Standby"

Changeover Switches for Load Transfer

### General Technical Specifications

Aksa Supplies a full range Mains - Standby changeover Switches.

A substantial sheet steel enclosure with full width hinged and lockable access door

housing the following equipment:

- Twin three pole or four pole electrically interlocked mains / standby changeover contactors or for application where high current rating (above 900 amperes) has to be switched motorized circuit breakers.
- Mains / alternator / load connections or cooper bar
- Control cabling terminal block and protection fuses
- Bottom cable entry



	ATS 40A	ATS 80A	ATS 110A	ATS 135A	ATS 200A	ATS 230A	ATS 260A	ATS 350A	ATS 400A	ATS 600A	ATS 690A	ATS 800A	ATS 1000A	ATS 1250A	ATS 1600A	ATS 2000A	ATS 2500A	ATS 3200A
3 poles	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
380/400 V, (3 phase)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Changeover by Contactor	●	●	●	●	●	●	●	●	●	●	○	●	X	X	X	X	X	
Changeover by Motorised CB	X	X	X	X	X	X	X	X	●	●	●	●	●	●	●	●	●	●
Terminals	●	●	●	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Copper Bar	X	X	X	X	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Width (mm.)	450	450	450	450	650	650	650	650	650	600	600	600	600	800	800	800	800	800
Height (mm.)	450	450	450	450	500	500	500	500	500	1600	1600	1600	1600	2000	2000	2000	2000	2000
Depth (mm.)	170	170	170	170	330	330	330	330	330	600	600	600	600	800	800	800	800	800
Wall Mounting Panel IP42	●	●	●	●	●	●	●	●	●	X	X	X	X	X	X	X	X	X
Floor Standing Panel IP42	X	X	X	X	X	X	X	X	X	●	●	●	●	●	●	●	●	●



# Canopies Silent Power

ASM 4



ASM 5 & ASM 6



ASM 7



AK 70



AK 80 & AK85



AK 90 & AK 96



## General Specifications of SILENT Type CANOPY

- Modular design
- Soundproofed canopy kit (for ASM series).
- 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.



Canopy Model	AK70	AK71	AK80	AK 81	AK85	AK90	AK96
Length mm.	4560	4550	4950	4900	5800	6500	7500
Width mm.	1470	1610	1520	1600	1620	2260	2360
Height mm.	2300	2270	2500	2500	2550	2350	2500
Fuel tank Litres	650	650	850	850	1150	1100	1500

Canopy Model	ASM 4	ASM 5	ASM 5C	ASM 6	ASM 7
Length mm.	2500	3110	3220	3250	4000
Width mm.	970	1060	1060	1160	1210
Height mm.	1570	1750	1750	1900	2000
Fuel tank Litres	160	215	195	360	420

# Container Silent Power

## General Specifications of SILENT Type CONTAINER

- Four sizes are available: 20, 30, 40 feet and 40 feet High Cube containers.
- Sandwich mineral wool attenuation for walls and ceiling.
- Ribbed aluminium sheet internal floor
- Large lockable doors.
- Acoustic baffles for the air inlet and outlet.
- Corner fittings providing four point lifting capability for full weight
- 1250 litres and 2000 litres fuel tank with retention bund.
- Residential silencer with stainless steel flexible bellows.
- Power cable outlet on lower section.
- Ceiling mounted fluorescent light fittings
- White paint finishing (RAL 9010)

SC 20



SC 40



Container Model		AKS 100	AKS 101	SC20	SC30	SC40	SCH40
Length	mm.	9130	9130	6060	9130	12200	12200
Width	mm	2300	2440	2440	2440	2440	2440
Height	mm.	2470	2591	2591	2591	2591	2800
Fuel tank	Litres	1200	1200		2000	2000	2000

## AKS 100 & AKS 101 CONTAINER

- Sandwich mineral wool attenuation on the ceiling.
- Lockable doors on each side.
- Ribbed aluminium sheet internal floor.
- Acoustic baffles for the air inlet.
- Removable enclosure roof.
- Corner fittings providing four point lifting capability for full weight
- Dual silencer with stainless steel flexible bellows.
- Power cable outlet on lower section.
- Ceiling mounted fluorescent light fittings
- White paint finishing (RAL 9010).
- Enable you to mount assembly inside a 40 feet "high cube" container to facilitate transportation.

# Mobile Lighting Tower ALT4M

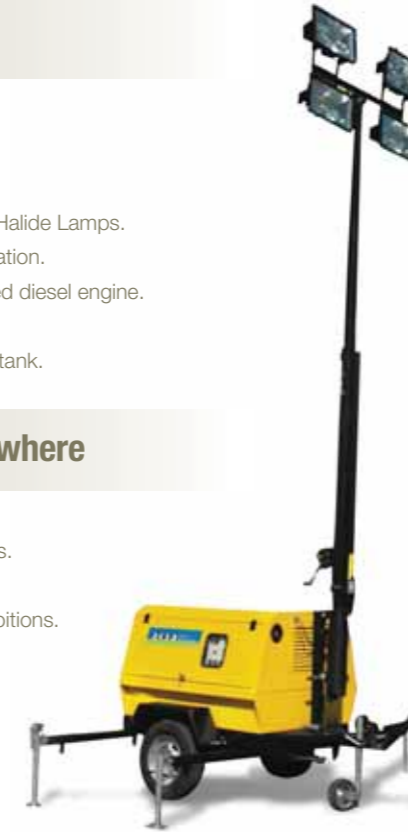


## Features

- 360° rotatable mast.
- Hand winch.
- Automatic mast lock.
- 4 x 1000 watts Metal Halide Lamps.
- Simple, one-staff operation.
- 1500 rpm, water cooled diesel engine.
- Quiet operation.
- 50 hours run time fuel tank.

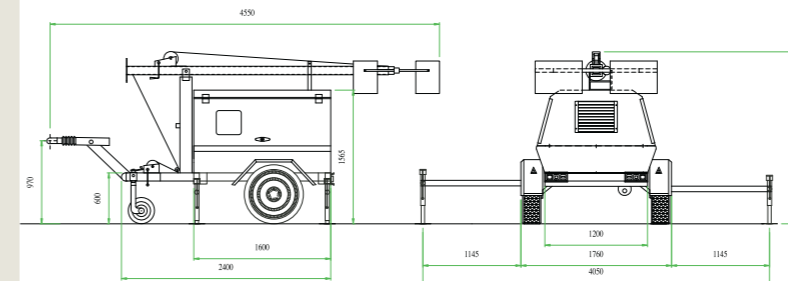
## Features Everywhere

- Buildings sites.
- Road and railway areas.
- Pipe-Line areas.
- Performance and exhibitions.
- Civil defense.



## Dimensions and Weights

Length	Height	Width	Dry Weight
4710 mm. (max.)	2010 mm.	1760 mm.	1200 kg.
4425 mm. (min.)			



## Generating Set

- Lister Petter, LPW2, water cooled,
- 1500 rpm diesel engine.
- Spin on type oil filter and fuel filter.
- Dry type cyclonic air cleaner.
- 12 V. maintenance-free battery.
- Brushless, single - phase 230 V., 50 Hz alternator.
- Key start panel with engine protection.

## Mast

- 9 meters, 3 section.
- Automatic mast locking.
- 360° rotation.
- Manual winch system.
- Double winch system for raising and tilting.

## Flood Lights

- Four fixtures Metal Halide lamps, 1000 watts each.
- Hardened glass lenses.
- Non - corrosive, high - pressured die - cast aluminum housing.
- Silicone gaskets for moisture protection.

## Canopy

- Lockable, fully enclosed, sound attenuated canopy.
- Polyester-powder painted.
- 50 hours run time fuel tank.

## Trailer

- Single axle, torsion bar suspension.
- 50 mm. ball or towing eye.
- 184R 14 wheels and tires.
- Over-run and hand breakers.
- 1500 kg axle rating.
- Four adjustable stabilizer supports, retractable for moving the tower.

## Branch Offices & Warehouses



**ALGERIA**  
Aksa Algeria  
Chemin du Parc d'Attraction  
Coopérative El Baraka No: 417 Tixerain  
Bir Mourad Rais / Alger  
T : + 213 21 40 26 72  
F : + 213 21 40 27 94  
e-mail: aksaalgeria@aksa.com.tr



**IRAQ**  
Aksa Iraq  
Sahet Al-Wathik,  
Al Wahda  
St.909 Baghdad - Iraq  
T : + 964 7901 916 086  
F : + 964 7901 916 089  
e-mail: export@aksa.com.tr



**PHILIPPINES**  
901-H Park Trade Center  
Investment Drive  
Madrigal Business Park,  
Alabangm Muntinlupa - Philippines  
T : + 632 5566140  
F : + 632 5566140  
e-mail: export@aksa.com.tr



**UNITED KINGDOM**  
Aksa International [UK] Ltd  
Unit 6, Pine Court Walker Road, Bardon Hill  
Coalville Leicestershire, LE67 1SZ U.Kingdom  
T : + 44 (0) 1530 837 472  
F : + 44 (0) 1530 519 577  
e-mail: sales@aksa-uk.com



**CHINA**  
Aksa Power Generation  
(Changzhou) Co. Ltd.  
Export Processing Zone  
Xinzhu Road, Plant A1-A2,  
Changzhou/China  
T : + 86 (0)51985150205  
F : + 86 (0)51985150130  
E-mail: aksa@aksachina.com



**KAZAKHSTAN**  
Aksa Kazakhstan Ltd.  
M 54-6 Abdullinyh Str.  
Corner of Tole Bi Str.  
Almaty - Kazakhstan  
T : + 7 727 250 67 31 / 250 67 41  
F : + 7 727 250 67 91  
e-mail : aksa@arna.kz



**SINGAPORE**  
Aksa Far East (Pte.) Ltd.  
94 Tuas Avenue 11  
Singapore 639103  
T : + 65 6863 2832  
F : + 65 6863 0392 / 6863 2956  
e-mail: aksafe@aksafareast.com.sg



**VIETNAM**  
43 Le Thi Hong Gam,  
Dist. 1, HCM City - Vietnam  
T : + 84 8.39147014  
F : + 84 8.39147015  
e-mail: aksa\_vn@vnn.vn



**IRAN**  
Aksa Iran  
Veli ASR Street Neer Park  
Way Post Code 1966616691  
No: 1515 First Floor No:2 Tehran - Iran  
T : + 98 21 2203 4130/4615  
F : + 98 21 2204 0068  
e-mail: export@aksa.com.tr



**NIGERIA**  
Ikorodu Road Kilometer 16,  
Ojota/Lagos - Nigeria  
T : + 234 806 903 2337  
F : + 234 807 469 8985  
e-mail : sales@aksa-nigeria.com



**U.A.E**  
Aksa Middle East FZE  
Post Box No.18167 Warehouse  
No.RA08 / LC07  
Jebel Ali Free Zone Dubai  
United Arab Emirates  
T : + 971 4 883 3292  
F : + 971 4 883 3293  
e-Mail : sales@aksa.ae

## Aksa Rental



**TURKEY**  
Murat Bey Beldesi,  
Güney girişi Cad. No: 8  
34540 Çatalca / İSTANBUL  
T : + 90 212 887 12 12  
F : + 90 212 887 15 25  
e-mail: aksakiralama@aksakiralama.com.tr



**U.A.E**  
Aksa Middle East  
Post Box No, 18167 Warehouse No. RA08 / LC07 Jebel Ali Free Zone,  
Dubai, United Arab Emirates  
T : + 971 4 883 3292 F : +971 4883 3293  
e-mail : sales@aksa.ae

## Aksa Service & Spare Parts



**TURKEY**  
Murat Bey Beldesi,  
Güney girişi Cad. No: 8  
34540 Çatalca / İSTANBUL  
T : + 90 212 887 11 11  
F : + 90 212 887 10 20  
e-mail: info@aksaservis.com.tr

## Factories



**TURKEY**  
Taşocağı Yolu No:22  
Mahmutbey Bağcılar  
İSTANBUL  
T : + 90 212 446 43 01  
F : + 90 212 446 43 00  
e-mail: aksa@aksa.com.tr



**CHINA**  
Export Processing Zone  
Xinzhu Road, Plant A1-A2,  
Changzhou/China  
T : + 86 519 851 502 05  
F : + 86 519 851 501 30  
E-mail: aksa@aksachina.com