

50 HZ & 60 HZ

GAS SOLUTIONS

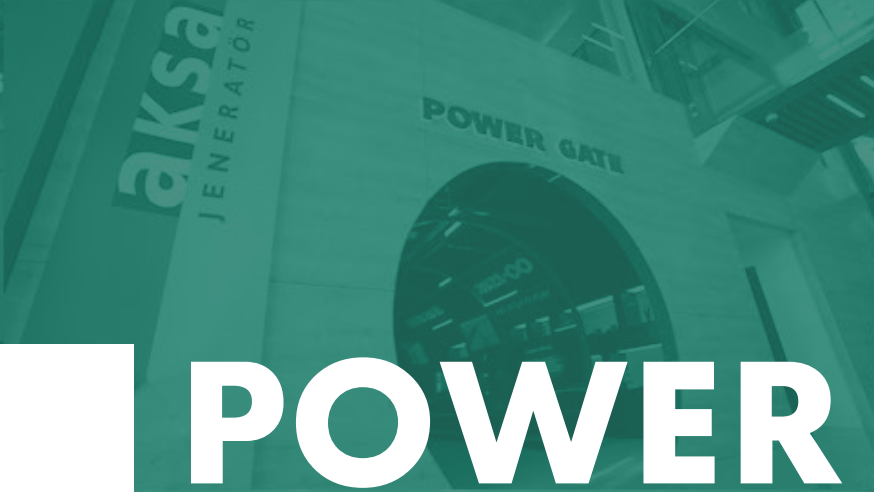
CONTINUOUS | NATURAL GAS GENSETS
1160 - 2000 kW

STAND-BY & PRIME | NATURAL GAS GENSETS
17 - 1320 kVA

STAND-BY & PRIME | LPG GENSETS
17 - 970 kVA



akSa POWER
GENERATION



POWER





YOUR FUTURE

About Us



Turkey Production Center - Cerkezkoy / Tekirdag



Changzhou - China



Louisiana - The U.S.A



Rotterdam - The Netherlands

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.

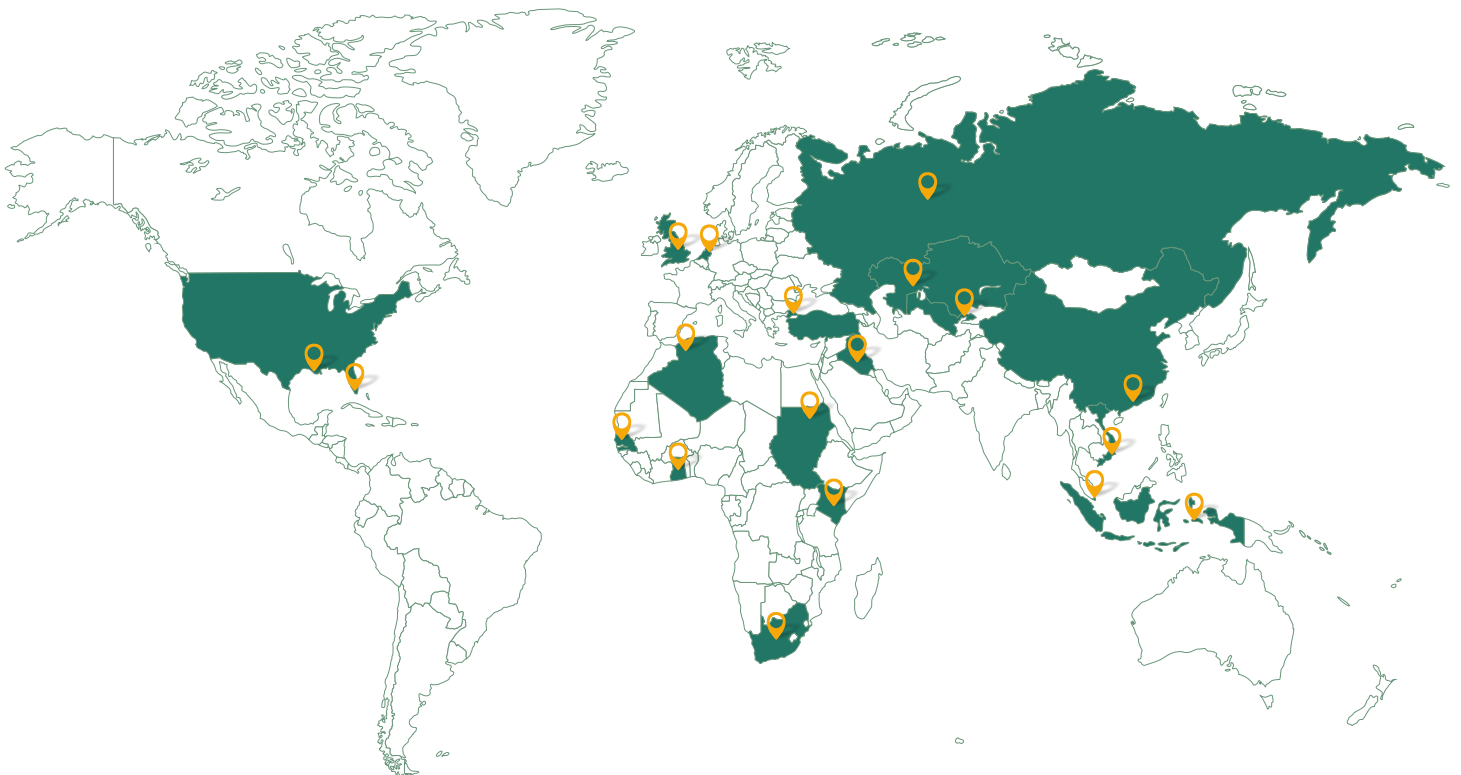
Since its foundation in 1984, being the leading company in the Turkish market; Aksa Power Generation takes place among the top 200 industrial enterprises and exporter firms in Turkey.

In addition, Aksa is rightfully proud of being one of the leading gensets manufacturers in the world with the total amount of 30.000 gasoline, diesel and natural gas generating sets ranging from 1 to 3125 kVA manufactured per year in its four production facilities, one of in Cerkezkoy - Turkey, Changzhou - China, Louisiana - The U.S.A. and a trade center in Rotterdam - The Netherlands.

Today, exporting more than %50 of its production, Aksa Power Generation progresses towards the goal of success globally. With its 24 overseas offices, 1 representative office, Aksa supplies generating sets all around the world. Aksa Power Generation keeps continually investing in technology to be a pioneer of innovation.

Global locations

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



4

production and trade **facilities**;

- Louisiana, U.S.A.
- Cerkezkoy, Turkey
- Changzhou, China
- Rotterdam, Netherlands

30K

total amount of genset manufacturing capacity per year

176

countries where **Aksa makes sales**



Natural Gas & LPG Genset

Stand-by

17 kVA

Rich Burn

Model	Power kVA (Cosφ 0,8)		Engine Model	Cylinder Number and Type	Frequency	Engine Speed	Aspiration	Gas Pressure mbar	Cooling System	Governor Type	Gas Consumption m³/h. at %100	Alternator Model
	Stand-by	Prime										
ABG 17	17	15	Vanguard	V2	-	3000	Naturally Aspirated	300	Air Cooled	Mechanic	6,3 m³/h	ECO3



Natural Gas Gensets

Stand-by & Prime

158 - 428 kVA

Rich Burn

Model	Power kVA (Cosφ 0,8)		Engine Model	Cylinder Number and Type	Frequency	Engine Speed	Aspiration	Gas Pressure mbar	Cooling System	Governor Type	Gas Consumption m³/h. at %100	Alternator Model
	Stand-by	Prime										
ADG 158	158	143	GE08TI	6I	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	31,8 m³/h	ECP34
ADG 210	210	190	GE12TI	6I	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	43,4 m³/h	ECO38
ADG 275	275	250	GV158TI	V8	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	58,4 m³/h	ECO38
ADG 350	350	320	GV180TI	V10	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	74,7 m³/h	ECO40
ADG 428	428	387	GV222TI	V12	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	95,2 m³/h	ECO40





Natural Gas & LPG Gensets

Stand-by & Prime

37,5 - 343,7 kVA

Rich Burn

Model	Power kVA (Cosφ 0,8)		Engine Model	Cylinder Number and Type	Frequency	Engine Speed	Aspiration	Gas Pressure mbar	Cooling System	Governor Type	Gas Consumption m ³ /h. at %100	Alternator Model
	Stand-by	Prime										
AHG30	37,5	32,5	HA024G	4I	50Hz	1500	Naturally Aspirated	300	Water Cooled	Electronic	10	ECP28
AHG40	50	46,3	HA038G	V6	50Hz	1500	Naturally Aspirated	300	Water Cooled	Electronic	17,7	ECP32
AHG105	131,2	125	HA068G	6I	50Hz	1500	TCI	300	Water Cooled	Electronic	34,2	ECP34
AHG215	268,7	262,5	HAI20G	6I	50Hz	1500	TCI	300	Water Cooled	Electronic	61,6	ECO38
AHG 40-6	50	43,7	HA024G	4I	60Hz	1800	Naturally Aspirated	300	Water Cooled	Electronic	TBD	ECP28
AHG 46-6	57,5	52,7	HA038G	V6	60Hz	1800	Naturally Aspirated	300	Water Cooled	Electronic	TBD	ECP32
AHG 125-6	156,25	150	HA068G	6I	60Hz	1800	TCI	300	Water Cooled	Electronic	TBD	ECP34
AHG 245-6	306,2	297,5	HAI20G	6I	60Hz	1800	TCI	300	Water Cooled	Electronic	TBD	ECO38

Model	Power kVA (Cosφ 0,8)		Engine Model	Cylinder Number and Type	Frequency	Engine Speed	Aspiration	Gas Pressure mbar	Cooling System	Governor Type	Gas Consumption m ³ /h. at %100	Alternator Model
	Stand-by	Prime										
AHG33-LPG	41,25	36,3	HA024G	4I	50Hz	1500	Naturally Aspirated	300	Water Cooled	Electronic	TBD	ECP28
AHG44-LPG	55	52,5	HA038G	V6	50Hz	1500	Naturally Aspirated	300	Water Cooled	Electronic	TBD	ECP32
AHG115-LPG	143,7	143,7	HA068G	6I	50Hz	1500	TCI	300	Water Cooled	Electronic	TBD	ECP34
AHG240-LPG	300	293,8	HAI20G	6I	50Hz	1500	TCI	300	Water Cooled	Electronic	TBD	ECO38
AHG 40-6 LPG	50	43,7	HA024G	4I	60Hz	1800	Naturally Aspirated	300	Water Cooled	Electronic	TBD	ECP28
AHG 52-6 LPG	65	58,7	HA038G	V6	60Hz	1800	Naturally Aspirated	300	Water Cooled	Electronic	TBD	ECP32
AHG 140-6 LPG	175	168,7	HA068G	6I	60Hz	1800	TCI	300	Water Cooled	Electronic	TBD	ECP34
AHG 275-6 LPG	343,7	331,2	HAI20G	6I	60Hz	1800	TCI	300	Water Cooled	Electronic	TBD	ECO38



Natural Gas & LPG Gensets
 Stand-by & Prime
 25 - 1320 kVA
 Rich Burn

Model	Power kVA (Cosφ 0,8)		Engine Model	Cylinder Number and Type	Frequency	Engine Speed	Aspiration	Gas Pressure mbar	Cooling System	Governor Type	Gas Consumption m³/h. at %100	Alternator Model
	Stand-by	Prime										
APG25	25	NA	2.4L	4I	50Hz	1500	Naturally Aspirated	300	Water Cooled	Electronic	10,7	ECP28
APG45	45	35	4.5L	4I	50Hz	1500	Naturally Aspirated	300	Water Cooled	Electronic	14,5	ECP32
APG62	62	56	5.7L	V8	50Hz	1500	Naturally Aspirated	300	Water Cooled	Electronic	15	ECP32
APG75	75	60	6.7LNA	4I	50Hz	1500	Naturally Aspirated	300	Water Cooled	Electronic	21,5	ECP32
APG125	125	112,5	6.7LTA	6I	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	34	ECP34
APG160	160	145	8.1L T	6I	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	40,4	ECP34
APG250	250	225	10LT	6I	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	62,8	ECO38
APG270	270	250	13L	6I	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	73	ECO38
APG300	300	275	14L (14.6L)	V8	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	71,1	ECO38
APG440	440	375	22L	V12	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	99	ECO40
APG500	500	NA	22L	V12	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	126,92	ECO40
APG680	680	580	32L	V12	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	160	ECO40
APG825	825	720	40L	V12	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	183	ECO40
APG1100	1100	1000	53L	V16	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	259	ECO43





Natural Gas & LPG Gensets
 Stand-by & Prime
 25 - 1320 kVA
 Rich Burn

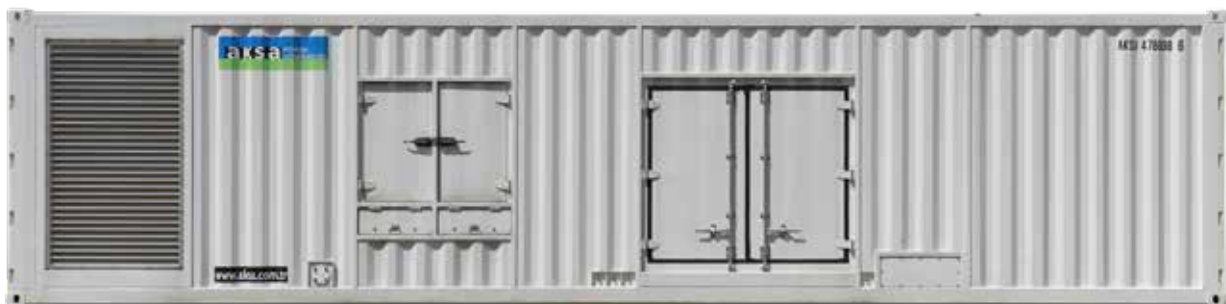
Model	Power kVA (Cosφ 0,8)		Engine Model	Cylinder Number and Type	Frequency	Engine Speed	Aspiration	Gas Pressure mbar	Cooling System	Governor Type	Gas Consumption m³/h. at %100	Alternator Model
	Stand-by	Prime										
APG33-6	33	NA	2.4L	4I	60Hz	1800	Naturally Aspirated	300	Water Cooled	Electronic	9,7	ECP28
APG53-6	53	70	4.5L	4I	60Hz	1800	Naturally Aspirated	300	Water Cooled	Electronic	16,7	ECP32
APG85-6	85	125	6.7LNA	4I	60Hz	1800	Naturally Aspirated	300	Water Cooled	Electronic	25,5	ECP32
APG160-6	160	165	6.7LTA	6I	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	37,7	ECP34
APG195-6	195	225	8.1L T	6I	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	50,2	ECP34
APG265-6	265	255	10LT	6I	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	61,4	ECO38
APG320-6	320	325	13L	6I	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	78	ECO38
APG380-6	380	480	14L (14.6L)	V8	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	87,9	ECO38
APG525-6	525	700	22L	V12	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	131,1	ECO40
APG640-6	640	NA	22L	V12	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	167,3	ECO40
APG825-6	825	890	32L	V12	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	196	ECO40
APG990-6	990	712	40L	V12	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	252	ECO40
APD-NG830	1040,6	NA	40L	V12	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	252	HCI634H / HCI634G
APG1320-6	1320	1180	53L	V16	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	324	ECO43





Natural Gas & LPG Gensets
 Stand-by & Prime
 25 - 1320 kVA
 Rich Burn

Model	Power kVA (Cosφ 0,8)		Engine Model	Cylinder Number and Type	Frequency	Engine Speed	Aspiration	Gas Pressure mbar	Cooling System	Governor Type	Gas Consumption m³/h. at %100	Alternator Model
	Stand-by	Prime										
APG25-LPG	27,5	NA	2.4L	4I	50Hz	1500	Naturally Aspirated	300	Water Cooled	Electronic	3,5	ECP28
APG40-LPG	50	38	4.5L	4I	50Hz	1500	Naturally Aspirated	300	Water Cooled	Electronic	6,3	ECP32
APG80-LPG	80	64	6.7LNA	4I	50Hz	1500	Naturally Aspirated	300	Water Cooled	Electronic	9,0	ECP32
APG105-LPG	105	100	6.7LTA	6I	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	12,2	ECP34
APG110-LPG	110	100	8.1L T	6I	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	11,6	ECP34
APG155-LPG	155	155	13L	6I	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	20,1	ECP34
APG180-LPG	180	180	10LT	6I	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	21,2	ECP38
APG185-LPG	185	165	14L (14.6L)	V8	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	19,1	ECO38
APG300-LPG	300	255	22L	V12	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	29,6	ECO38
APG440-LPG	440	385	32L	V12	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	46,7	ECO40
APG540-LPG	540	460	40L	V12	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	58,1	ECO40
APG825-LPG	825	740	53L	V16	50Hz	1500	Turbo Charged	300	Water Cooled	Electronic	83,2	ECO40





Natural Gas & LPG Gensets
 Stand-by & Prime
 25 - 1320 kVA
 Rich Burn

Model	Power kVA (Cosφ 0,8)		Engine Model	Cylinder Number and Type	Frequency	Engine Speed	Aspiration	Gas Pressure mbar	Cooling System	Governor Type	Gas Consumption m³/h. at %100	Alternator Model
	Stand-by	Prime										
APG33-6-LPG	33	NA	2.4L	4I	60Hz	1800	Naturally Aspirated	300	Water Cooled	Electronic	4,2	ECP28
APG52-6-LPG	52	39	4.5L	4I	60Hz	1800	Naturally Aspirated	300	Water Cooled	Electronic	6,7	ECP32
APG90-6-LPG	90	75	6.7LNA	4I	60Hz	1800	Naturally Aspirated	300	Water Cooled	Electronic	10,7	ECP32
APG100-6-LPG	100	100	6.7LTA	6I	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	12,4	ECP34
APG132-6-LPG	132	120	8.1L T	6I	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	15,4	ECP34
APG185-6-LPG	185	185	10LT	6I	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	22,8	ECP38
APG180-6-LPG	180	180	13L	6I	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	26,2	ECP34
APG240-6-LPG	240	215	14L (14.6L)	V8	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	25,4	ECO38
APG375-6-LPG	375	315	22L	V12	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	39,2	ECO38
APG525-6-LPG	525	450	32L	V12	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	56,7	ECO40
APG645-6-LPG	645	550	40L	V12	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	77,2	ECO40
APG970-6-LPG	970	870	53L	V16	60Hz	1800	Turbo Charged	300	Water Cooled	Electronic	106,7	ECO40



Cogeneration and Trigeration Systems

Advantages of Cogeneration and Trigeration Systems

- Increased efficiency of energy conversion and use.
- Lower emissions to the environment, in particular of CO2, the main greenhouse gas.
- Large cost savings, providing additional competitiveness for industrial and commercial users, and offering affordable heat for domestic users.
- An opportunity to move towards more decentralised forms of electricity generation, where plants are designed to meet the needs of local consumers, providing high efficiency, avoiding transmission losses and increasing flexibility of system use. This will particularly be the case if natural gas is the energy carrier.
- An opportunity to increase the diversity of generation plant, and provide competition in generation.
- Increased employment – a number of studies have now concluded that the development of CHP systems is a generator of jobs.

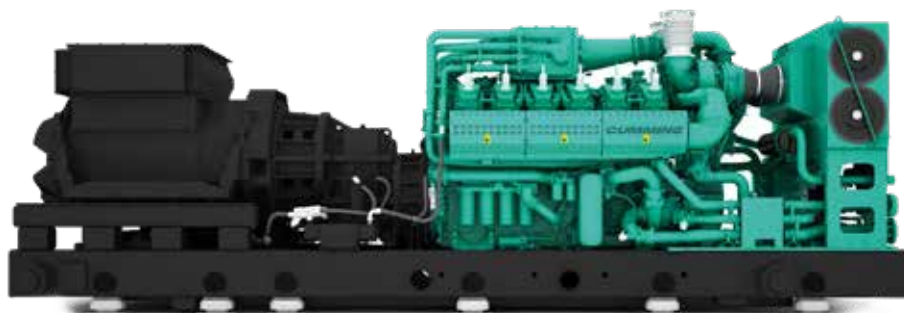
COGENERATION

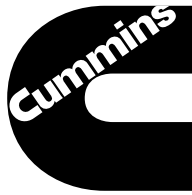


TRIGENERATION



SALES MODEL | INVESTMENT MODEL | RENTAL MODEL





Natural Gas Generators

Continuous

1,160 kW - 2,000 kW

Lean burn / High efficiency

Model		ACG1160	ACG1160 LMN**	ACG1540	ACG 1600	ACG2000
Power kW (Cosφ 1)		1160	1160	1540	1600	2000
Engine Model		QSK60-SURF	QSK60-SURF	QSK60-OSPREY	HSK78	HSK78
Cooling System		Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
Aspiration		Turbo Charged	Turbo Charged	Turbo Charged	Turbo Charged	Turbo Charged
Engine Speed		1500	1500	1500	1500	1500
Frequency / Voltage		50Hz / 400V	50Hz / 400V	50Hz / 400V	50Hz / 400V	50Hz / 400V
Cylinder Number and Type		V16	V16	V16	V12	V12
Governor Type		Electronic	Electronic	Electronic	Electronic	Electronic
Gas Pressure		300 mbar	300 mbar	300 mbar	300 mbar	300 mbar
Efficiency						
Electrical Efficiency ISO3046/1, percent	100% of Rated Load	39.2%	39.2%	43.6%	43.4%	44.2%
	90% of Rated Load	38.7%	38.7%	43.2%	42.8%	43.8%
	75% of Rated Load	37.9%	37.9%	42.6%	41.9%	43.0%
	50% of Rated Load	35.3%	35.3%	40.2%	-	40.7%
Mechanical Efficiency ISO3046/1, percent	100% of Rated Load	40.7%	40.7%	45.1%	47.9%	45.7%
	90% of Rated Load	40.3%	40.3%	44.7%	48.6%	45.1%
	75% of Rated Load	39.5%	39.5%	44.1%	49.6%	44.6%
	50% of Rated Load	36.8%	36.8%	41.6%	-	42.1%

** : Low Methane Number

Mecc Alte Alternators

Standarts

Alternators are designed and produced within an ISO 9001 environment. The entire series is manufactured according to, and complies with, the most common specifications such as CEI 2-3, IEC 34-1, EN 60034-1, VDE 0530, BS 4999-5000, NF 51.111, CAN/CSA-C22.2 No14-95-No100-95, NEMA MG 1-2011, ISO 8528-3. Other standards such as UL1446, UL 1004/4 and /B are available on request.

Windings and Performances

Winding Configurations	Standard	
	12 wire Reconnectable	6 wire Reconnectable
ECO40 to ECO46	Std	Option
Insulation materials	Class H	Class H
High efficiency	Std	Std
High motor starting	>300%	>300%
THD (Total Harmonic Distortion)	Typically <3.5% full load L-L	Typically <3.0% full load L-L

Winding Protection

There are various degrees of protection for the windings following the standard impregnation process, as can be seen here. The TOTAL or TOTAL+ butadienic black flexible coating is recommended for arduous applications.

Winding Configurations	STANDARD	STANDARD+	GREY	TOTAL (3% de-rate may apply on certain models)	TOTAL+ (3% de-rate may apply on certain models)
ECP34 to ECO46	-	-	Std	Option	Option



Grey treatment (marinization) on the left, TOTAL treatment shown on the right.

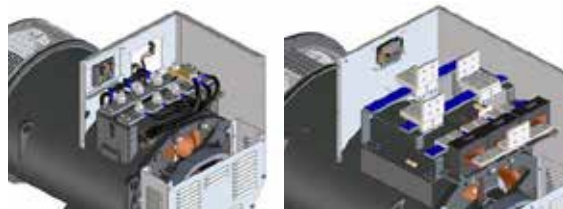
Protection for Environment

In addition to protection on the windings themselves, the alternators can have increased ingress protection. Standard levels are IP23 with further upgrades available to include inlet filters, IP43 and IP45: 7% de-rates apply on inlet filters and IP43 protection. 20-30% de-rates apply for IP45 depending on alternator model. Additional air exit louvres (called IP23+) are optionally retrofittable in the overall ECP32 to ECO 46 range, in order to comply to the most strict marine regulations.

Mecc Alte Alternators

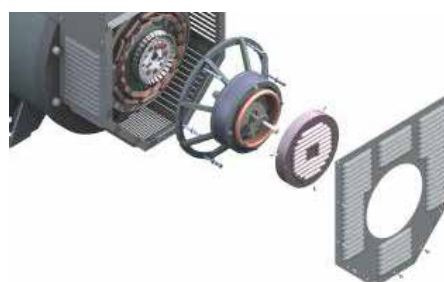
Terminals and Terminal Box

Alternators are designed and produced within an ISO 9001 environment. The entire series is manufactured according to, and complies with, the most common specifications such as CEI 2-3, IEC 34-1, EN 60034-1, VDE 0530, BS 4999-5000, NF 51.111, CAN/CSA-C22.2 No14-95-No100-95, NEMA MG 1-2011, ISO 8528-3. Other standards such as UL1446, UL 1004/4 and /B are available on request.



Optional PMG3

PMG3 can be retro fit or factory fit on ECO 40, 43 and 46 series. This smart MeccAlte design allows an easy fix kit, through a tapered cone coupling and a simple replacement of the rear air louver. PMG3 is also available on ECO 38, when ordered from the factory. The complete AVR range is fully compatible with both MAUX and PMG3 systems, this minimises spare part management and flexibility of stock as one AVR suits all applications. The PMG3 is delivering the same amount of kVA available with the MAUX.



Excitation and Regulation Systems

All ECP/ECO series have MAUX auxiliary winding to power the digital regulator. Both DSR and the DER1 are available to connect to PC through the DxR2 USB interface and DxR TERMINAL software to interrogate/download alarms & settings for analysis or for cloning other regulators. DER2 has got an integrated USB connection and can be connected to the PC without any optional connection boards. More settings such as LAMS, digital RAM based synchronous external control and soft start are obtainable through the DxR connection. Simple analogue potentiometers are available for the more usual adjustments.

Excitation Systems	DSR	DER1	DER2
ECP3 to ECO38	Std	Option	Option
ECO40 to ECO46	Class H	Std	Option
Parallel Operation	√	√	√
Mains Parallel	√	√	√
3 Phase Sensing (rms)	-	√	√
Accuracy	+/-1%	+/-0.5%	+/-0.5%
Remote Voltage Control	√	√	√
Alarm Log	√	√	√
Analogue and Digital Configurable	√	√	√
LAMS (Load Acceptance V/f)	√	√	√
APO (Active Protection Output)	√	√	√
Soft Start	√	√	√
High dynamic response	-	-	√
USB connection without external boards	-	-	√

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	•	•
Genset Instruments	Emergency stop push-button	•	•
	3 Phase voltage UV, VW, WU	•	•
	Neutral NU, NV, NW	•	•
	3 Phase current U, V, W	•	•
	Frequency	•	•
	Total kVA	•	•
	Total kW	•	•
	Power factor Cosφ	•	•
	kVAr	•	•
	kWh, kVAh, kVArh	•	•
	Phase sequence	•	x
Mains Instruments	Earth current	◦	x
	3 Phase voltage L1L2, L2 L3, L3L1	•	•
	Neutral NL1, NL2, NL3	•	•
Engine Instruments	Frequency	•	•
	Oil pressure	•	•
	Coolant temperature	•	•
	Run time	•	•
	Speed in RPM	•	•
	Battery voltage	•	•
	Fuel Level	◦	◦
Engine Shut Down Protection	Engine maintenance due	•	•
	Low oil pressure	•	•
	High engine temperature	•	•
	Under / Over speed	•	•
	Low water level	•	◦
	Fail to start	•	•
	Stop failure	•	•
Engine Pre-alarms Warning	Emergency stop	•	•
	Oil pressure sensor open	•	•
	Charge fail	•	•
	Low oil pressure	•	•
	High engine temperature	•	•
	Low engine temperature	•	•
	Low/ High battery volts	•	•
Alternator Shut Down Protection	Under speed	•	•
	Low fuel level	◦	◦
	Under / Over volt	•	•
	Under / Over frequency	•	•
	Over current	•	•
	kW over load	•	•
	Unbalanced Load	•	x
	Negative phase sequence	•	x
Alternator Pre-alarms	Earth fault	◦	x
	Phase rotation	•	x
	Short circuit	◦	◦
	Under / Over volt	•	•
	Under / Over frequency	•	•
Mains Failure	kW over load	•	◦
	Negative phase sequence	•	x
	Under / Over volt	•	•
Auto	Under / Over frequency	•	•
	Out of limit	•	•
Miscellaneous	ATS change - over control	•	•
	Remote start	•	•
	Static battery charger	•	•
	Water preheating control	•	•
	Alarm buzzer	◦	x
	RS 232 communication	•	x
	RS 485 communication	•	x



LED: Icon Display • Standard ◦ Optional × Not Available

* DEIF, ComAp ve Siemens PLC markalarının hepsi ile dizayn yapılabilir.

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



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

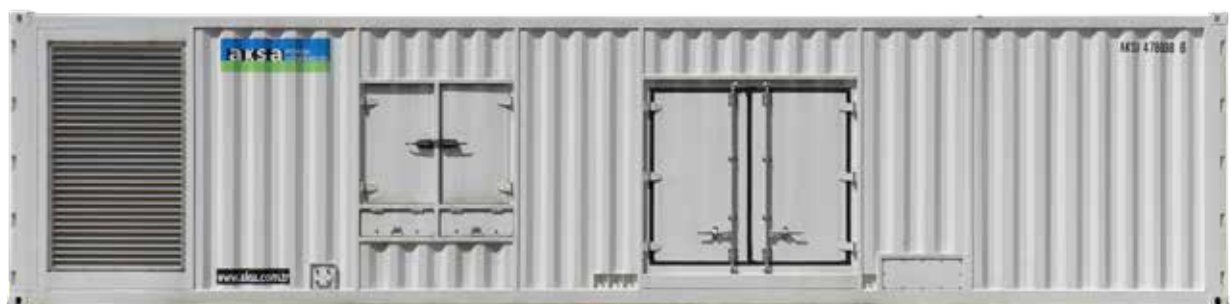
- Modular design.
- Require a concrete pad.
- Model AK 99 enclosure is drop over style.
- Body made from steel components treated with polyester powder coating.
- Acoustic fire retardant foam is covered inside the enclosure.
- Easy access to all service points and integrated ladder.
- The enclosure have 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 available: 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	Dimension		
	Length mm.	Width mm.	Height mm.
SC20	6060	2440	2591
SC30	9130	2440	2600
SCH30	9130	2440	2800
SC40	12200	2440	2600
SCH40	12200	2440	2800



Branch offices and Warehouses

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 <p>IRAQ Aksa Power Generation (Iraq) English Village House No:353 Arbil / Iraq T: + 964 (0) 770 776 12 20 M: export@aksa.com.tr</p>	 <p>KENYA Aksa Kenya Sunflag Industrial Park No:3 Mombasa Rd. P.O. Box 196-00519 Nairobi, Kenya T: +254 792 423 559 M : info@aksakenya.com</p>	 <p>KAZAKHISTAN Aksa Kazakhstan 89a, Suymbai ave., Almaty / Kazakhstan T: +7 727 338 48 47 M : info@aksakz.kz</p>	 <p>NETHERLANDS Merwedestraat 48P 3313CS, Dordrecht / Netherlands T: +31 (0) 78-204 9129 M: sales@aksaeurope.com</p>
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 <p>U.A.E. Power Generation FZE PLOT NO: S20128 Jebel Ali Free Zone, Po Box:18167 Dubai / UAE T: + 971 4 880 91 40 M: sales@aksa.ae</p>	 <p>U.K. Aksa International (UK) Ltd Unit 6, Pine Court Walker Road, Bardon Hill Coalville Leicestershire, LE67 1SZ / U.K. T: + 44 (0) 1530 837 472 M: info@aksauk.com</p>	 <p>U.S.A. Aksa USA 371 Exchange Street West Monroe, LA 71292 T: +1 318 855 83 77 M: sales@aksausa.com</p>	 <p>UZBEKISTAN Aksa Uzbekistan 18/1, Oybek str., Mirobod distr., Tashkent, Uzbekistan T: +998 78 150 27 47 M: info@aksa.uz</p>
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Factories

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Trade Centers

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Service & Rental

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POWER YOUR FUTURE

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