

Certified company:



HEAVY RANGE

Products Catalogue 2018

The main image is a composite. The top half shows a large commercial airplane from a low angle, flying against a blue sky with clouds. The left side of the airplane is overlaid with a large, stylized white lightning bolt logo on an orange background. The bottom half of the image shows a large AEM generator set on a black base, with a detailed view of the engine and alternator. In the background, there are orange and white AEM generator enclosures. The website 'WWW.AEMSPAIN.COM' is visible on the side of the enclosures and the generator base.

★ ROBUST & RELIABLE

📍 360° SERVICE

★ PREMIUM EQUIPMENT

🔧 TAILORED MANUFACTURING

👍 FRIENDLY USE

WWW.AEMSPAIN.COM

**THE POWERFUL SOLUTION FOR
DEMANDING APPLICATIONS**

PURE INNOVATION ENERGY



HEAVY RANGE

750 - 2200 KVA

The AEM Heavy Range is the comprehensive solution designed **to meet the demand of high amounts of power**. Both for continuous and emergency work, this equipment is able to supply power to any kind of facility, with options specially adapted to each area and project. A powerful, robust and safe alternative for your business.

This range is the result of experience in sectors which demand a lot of power at the international level. From projects of one machine to complex systems -with dozens of pieces of equipment working at the same time-, **AEM Spain is the most efficient manufacturer in design and production made to measure**. Components of the best European brands, adaptability, innovation, guarantee, spare parts, technical support service, training, logistics...

The AEM heavy range meets all needs from 750 to 2200 KVA both in open machines and in soundproof machines. **For higher power, we create our own parallel synchronized systems**, allowing up to 32 machines to work at the same time as a standard.



(For less power, see our Industrial Range catalogue)

AEM HEAVY RANGE 'OPEN' SERIES MAXIMUM POWER AND PERFORMANCE

The 'Open' Heavy Range provides a premium solution with top standard performance. Outstanding solutions with high technology, available in many powers and configurations, for equipment **equipped with the best European engines and alternators.**

Robust, reliable and dynamic generators, able to adapt and put up with any work, no matter how hard it is, both outdoors and indoors.

1

PREMIUM EQUIPMENT

All our generators have the most comprehensive equipment on the market, using cutting-edge technology.

2

UNLIMITED POWER

Unlimited, safe and affordable energy for any kind of electrical need or work. Big equipment easy to expand in order to adapt to every need.

3

EFFICIENCY AND HIGH PERFORMANCE

With advanced refrigeration systems and using electronic adjustment of the engine and alternator, we get an efficient machine with optimal performance and cost.

4

100% TESTED

All our machines are quality-controlled during their manufacture and subjected to a thorough set of tests guaranteeing their immediate use after installation.

5

ROBUSTNESS

The AEM generators are designed to last. They are extremely strong, in order to avoid possible structural deformations in transfers and continued uses.



**GUARANTEED POWER FOR POWER PLANTS, BIG
WORKS AND FACILITIES, CRITICAL SYSTEMS, DATA
CENTERS...**

RADIATOR

Refrigeration system that allows a maximum performance.

ELECTRICAL CABINET

High technology controls and better insulation. Includes emergency shutdown

NOISELESS EXHAUST

Residential exhaust of 25-30 dB

ALTERNATOR

High quality and great protection.

DIESEL ENGINE

Available in the best brands between 750 and 2200 KVA continuous power.

SKID-SHAPED FRAME

Mounted with UPN-300 hot laminated steel sections. The monoblock is attached by means of non-guillotining elastic anti-vibration fasteners of the best quality and efficiency.

FUEL FILLER NECK

With cap and lock.

LIFTING HOOKS.

Make transportation easy

SILENT BLOCKS

Anti-vibration fasteners between the frame and the monoblock.

FUEL TANK

Integrated in the frame.

'OPEN' SERIES NEW REFERENCE STANDARD

All engines, alternators, electrical components and raw materials for the machines are specially selected, **complying with rigorous quality controls** and complying with the latest regulations.

Moreover, AEM subjects all its products to **thorough stress tests**, which monitor all the parameters of the machines at different workload levels, getting excellent results.

1

OPTIMAL ASSEMBLY

Direct assembly between the engine and the alternator through disks. The generator is installed over UPN skid-shaped frame, which prevents structural deformations.

2

GREAT AUTONOMY FUEL TANK

Integrated in the frame, it has a fuel tank with enough capacity for hours of continuous functioning (also external extra tanks as an option available).

3

NOISELESS EXHAUST

The generator has a standard mufflers exhaust of 25-30 dB attenuation, greatly reducing noise emission.

4

WIDE VARIETY OF CONTROL PANELS

Adaptable and highly equipped with cutting-edge technology: manual or by start/stop signal, automatic, commutation, synchronised, ATS...

5

PROTECTION AND SAFETY

AEM machines have standard safety features both for their generator and for their equipment: motor, alternator, differential and circuit breaker protections.

AEM HEAVY RANGE SOUNDPROOF 'SP' SERIES NOISELESS GENERATORS

With the AEM Soundproof 'SP' Heavy Range, we get all the power and the advantages of the open series plus the implementation of the best and most advanced soundproof systems.

These systems allow the use of the generator in those places where the **reduction of noise emission is essential**, therefore taking special care in the design, the shape of the machine and the refrigeration and soundproof systems: the exhausts, vibration... in short, all the elements that are involved in the reduction of noise emissions and that make this machine a superior and maximum quality product.

1

EXCELLENT SOUNDPROOFING

The framework is covered with fireproof, sound-absorbing and heat-insulated materials, which reduce noise to the minimum.

2

PERFORATED SHEET

Installed on the doors, and as an option in the entire inner surface of the machine, which makes it considerably more robust.

3

MODULAR CONSTRUCTION

Allows easy handling of the different parts of the machine and, in case of damage, makes repair work much faster.

4

EASY CUSTOMIZATION

All our machines are easily customised. With multiple standard options and even tailored made, if you wish.

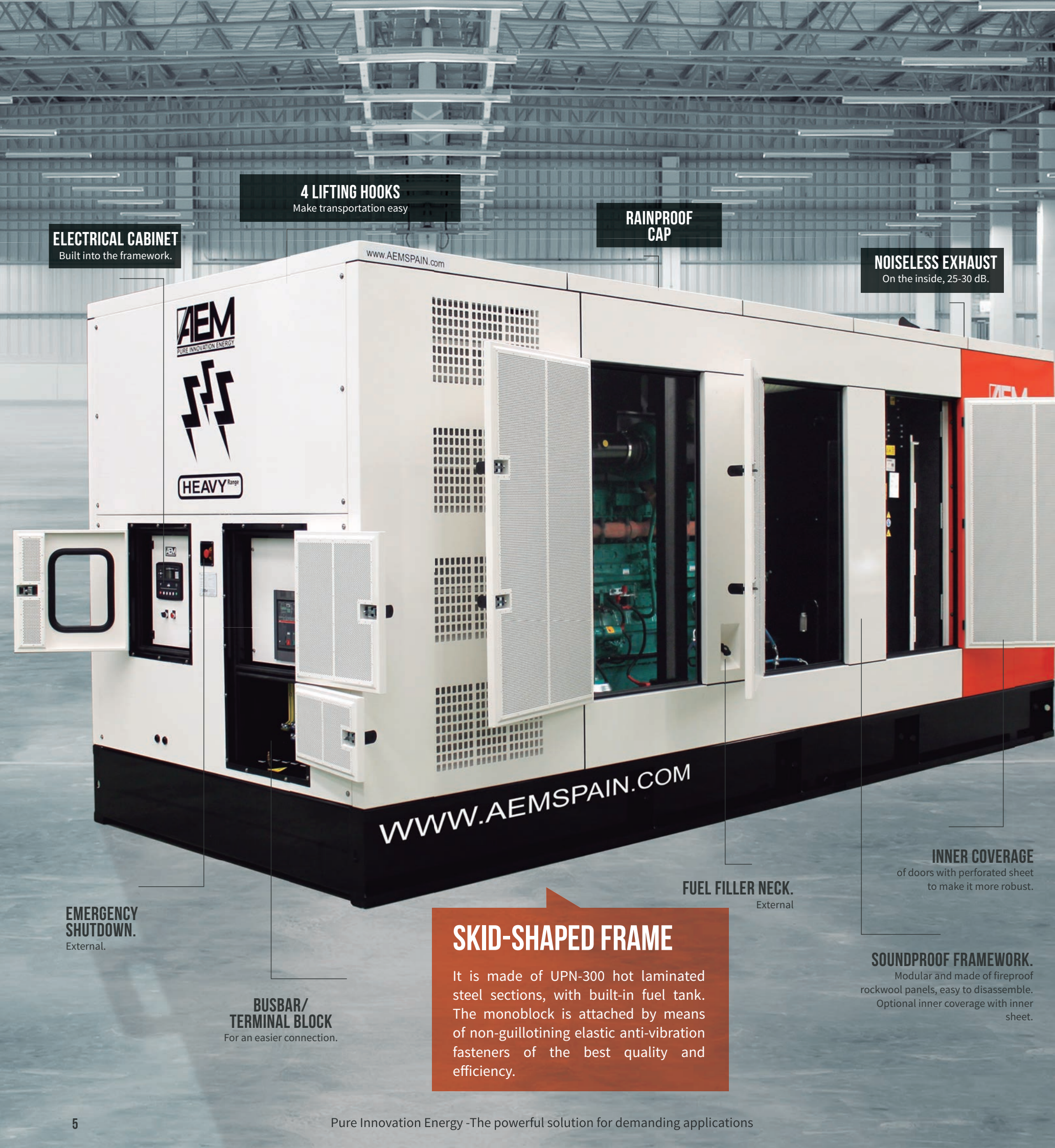
5

EXTRA PROTECTION

The framework protects the inner components and prevents incidents by restricting machine access to authorised staff only.



FOR APPLICATIONS THAT REQUIRE MAXIMUM
PERFORMANCE AND SILENCE: URBAN
ENVIRONMENTS, HOTELS, EVENTS...



SOUNDPROOF 'SP' SERIES ADDED VALUE

The AEM Soundproof 'SP' generators are made of 2 mm thick high quality metal sheeting. Punched, folded, electrowelded and bolted in essential sections, it makes access and maintenance easier. Suitably pickled in order to optimize its painting in the polymerization oven, therefore obtaining **high protection and an excellent finish**.

Galvanised sheet roofs are a basic feature that give the machine extra protection to avoid corrosion and prolong its useful life. Also, the genset is equipped with soundproofed panels between 40 mm and 80 mm (depending of the project features)

1

EASY MANTENIENCE.

Access to the machines through big doors and large spaces, which make repair or maintenance work easier, therefore saving time and costs.

2

FRIENDLY HANDLING.

Equipped with the latest technology, the use of our generators is easy and intuitive. Nonetheless, our technical department will help you with whatever you need.

3

GREAT AUTONOMY FUEL TANK.

Integrated in the frame, it has a fuel tank with enough capacity for hours of continuous functioning (also external extra tanks as an option available).

4

NOISELESS EXHAUST.

The generator has a standard mufflers exhaust of 25-30 dB attenuation, reducing noise emissions.

5

VERSATILE CONNECTION

Depending on the power of the machine, it has either terminals or power sockets. As an option, there are bare wire terminals, power locks or other systems that make connection easier.

6

MORE DURABILITY.

Thanks to the framework - and to the high-quality materials used in its construction - the lifespan of your generator will be much longer.

SKID-SHAPED FRAME

It is made of UPN-300 hot laminated steel sections, with built-in fuel tank. The monoblock is attached by means of non-guillotining elastic anti-vibration fasteners of the best quality and efficiency.

ALSO AVAILABLE IN STANDARD CONTAINER

MARINE 20'

MARINE 40'

With the containerized Generators, it is intended to produce a dynamic system, with a very sturdy structure. They are built on request in measurements of standard 20 and 40-foot marine containers (with CSC renewed certificate) which greatly **facilitates transit** by road and sea.

1

STURDY AND ULTRA DURABLE.

The AEM containers are prepared to endure the harshest working conditions for years. Simply, they are built to last.

2

EXPANDABLE AND VERSATILE.

Do not allow your machine to limit you in the long run. The AEM Gensets are scalable through synchronized ad hoc projected systems.

3

EASY TRANSPORT AND DISASSEMBLY.

Lifting points that makes it easy to transport and a modular system by rails that allows making disassemblies with maximum speed.

4

ULTRA SILENT.

Its maximum soundproofing system allows the installation of the container in areas and environments that are sensitive to noise pollution.

5

VERSATILE CONNECTION.

A generator adapted to your needs. Thanks to its full range of electrical and fuel connections your machine will always be prepared.

6

CUTTING-EDGE TECHNOLOGIES.

Equipped with the most innovative controllers. Software at the forefront with the latest industry applications of the generator.

(See page 23 for optional equipment)



HEAT/THERMAL INSULATED RESIDENTIAL EXHAUST

Installed on the inside and extremely efficient

INDOOR LIGHTING

For indoor work. Also available for the outdoors (optional).

CONTROL PANELS

Synchronized switchboards meets the customers requirements.

LINED INTERIOR

With rock wool and perforated metal sheet to allow 'premium' soundproofing

AUTOMATIC OIL FILLER

With 50L tank (optional).

FILLER NECK

Outside

QUICK EXTERNAL

Diesel plugs

DIESEL TRANSFER PUMP

With quick external outer socket

FUEL FILTER

Separator

ANTIPANIC EMERGENCY EXIT

In the side door

LADDER

Access to the roof, with locking lid

FUEL TANK

On the inside

SYNCHRONISED GENSETS COLLABORATIVE WORK & UNLIMITED POWER

Synchronised AEM generators are the perfect solution to provide great amounts of power both for continuous periods of time and in emergencies.

Made to measure machines equipped with the most modern controls which **allow 1 to 32 generators to work at the same time** as a standard, guaranteeing a steady power supply and **continuous activity** in facilities where productivity is the key*.

1

CRITICAL AVAILABILITY.

With a programmed redundancy, the generators can work non-stop 24/7 with an excellent reliability, which guarantees power supply.

2

SAFETY.

The net of generators is always ready to cover any incident. If a generator breakdown, another one in the reserve can start working.

3

FLEXIBILITY.

Power plants can increase or decrease their size whenever necessary, this allows to adapt to the changing power needs.

4

COST CONTROL.

Sustainable and efficient systems, by paralleling machines of different power in order to optimise fuel consumption, depending on the demand at the time.

5

EASY MAINTENANCE.

The modular network allows a machine to be stopped without disconnecting the whole system, or a reserve machine to be started while stopping the one we need to repair.

(*) Available systems: Island Mode Parallels, Emergency Parallels to the Mains, Permanent Parallels, Multiple Parallels... Contact us for further information.



INTELLIGENT AND RELIABLE ENERGY FOR POWER PLANTS, HOSPITALS, BIG WORKS, CRITICAL SYSTEMS..."



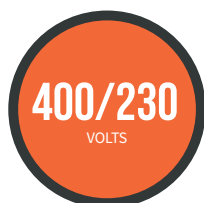
SPECIFICATION BY BRAND AND BY MOTOR POWER

For more details
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Open Series



Voltage



Revolutions



PRODUCT CATALOGUE 'OPEN' SERIES 50 HZ

Mod. AEM	Motor model	KVA PRP	KW PRP	KVA LTP	KW LTP	Length [mm]	Width [mm]	Height [mm]	Weight [KG.]	Tank [L.]
PW750/OPEN	4006-23TAG2A	750	600	825	660	4800	2000	2180	5709	1000
PW800/OPEN	4006-23TAG3A	800	640	880	704	4800	2000	2180	5909	1000
PW900/OPEN	4008TAG1A	900	720	990	792	5400	2250	2460	7528	1130
PW1000/OPEN	4008TAG2A	1000	800	1100	880	5400	2250	2460	7528	1130
PW1250/OPEN	4012-46TWG2A	1250	1000	1375	1100	5600	2200	2535	9200	1000
PW1350/OPEN	4012-46TWG3A	1350	1080	1485	1188	5600	2200	2535	9500	1000
PW1500/OPEN	4012-46TAG2A	1500	1200	1650	1320	5600	2200	2535	9800	1000
PW1710/OPEN	4012-46TAG3A	1710	1368	1875	1500	5600	2200	2535	9800	1000
PW1800/OPEN	4016TAG1A	1800	1440	2000	1600	5870	2300	2560	12 800	1500
PW2000/OPEN	4016TAG2A	2000	1600	2200	1760	5870	2300	2560	13 000	1500
MTU800/OPEN	12V2000G26F	800	640	880	704	4800	1580	2300	5700	1000
MTU900/OPEN	16V2000G16F	900	720	1000	800	5200	1760	2390	6850	1000
MTU1000/OPEN	16V2000G26F	1000	800	1100	880	5200	1760	2390	6900	1000
MTU1100/OPEN	16V2000G36F	1100	880	1250	1000	5300	1900	2560	7700	1100
MTU1250/OPEN	18V2000G26F	1250	1000	1350	1080	6000	2000	2600	10 470	1500
MTU1350/OPEN	12V4000G23	1350	1080	1485	1188	6000	2000	2600	10 470	1500
MTU1500/OPEN	12V4000G23	1500	1200	1650	1320	6120	2000	2600	10 790	1500
MTU1600/OPEN	12V4000G23	1600	1280	1740	1392	6120	2000	2600	11 000	1500
MTU1800/OPEN	12V4000G63	1800	1440	2000	1600	6400	2000	2600	11 900	1500
MTU2000/OPEN	16V4000G23	2000	1600	2200	1760	7360	2150	2800	13 800	1500
CU800/OPEN	QSK23G3	800	640	880	704	4900	1660	2260	6590	1000
CU900/OPEN	QST30G3	900	720	990	792	5400	2000	2400	10 300	1000
CU900/OPEN	KTA38G3	900	720	990	792	5400	2000	2400	10 400	1000
CU1000/OPEN	QST30G4	1000	800	1100	880	5400	2000	2400	10 500	1000
CU1000/OPEN	KTA38G5	1000	800	1100	880	5400	2000	2400	10 500	1000
CU1250/OPEN	KTA50G3	1250	1000	1375	1100	5400	2000	2380	10 500	1000
CU1400/OPEN	KTA50G8	1400	1120	1540	1232	6200	2000	2825	14 000	1500
CU1800/OPEN	QSK60G3	1800	1440	1980	1584	6800	2600	3420	15 500	2000
CU2000/OPEN	QSK60G4	2000	1600	2200	1760	6800	2600	3420	15 500	2000

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Soundproof



Voltage



Revolutions



PRODUCT CATALOGUE SOUNDPROOF 'SP' SERIES 50 HZ

Mod. AEM	Motor model	KVA PRP	KW PRP	KVA LTP	KW LTP	Length [mm]	Width [mm]	Height [mm]	Weight [KG.]	Tank [L.]
PW750/SP	4006-23TAG2A	750	600	825	660	6640	2300	2600	9900	1000
PW800/SP	4006-23TAG3A	800	640	880	704	6640	2300	2600	10 000	1000
PW900/SP	4008TAG1A	900	720	990	792	7140	2300	2600	10 500	1000
PW1000/SP	4008TAG2A	1000	800	1100	880	7140	2300	2600	10 650	1000
PW1250/SP	4012-46TWG2A	1250	1000	1375	1100	7140	2300	2800	14 600	1000
PW1350/SP	4012-46TWG3A	1350	1080	1485	1188	7140	2300	2800	15 870	1000
PW1500/SP	4012-46TAG2A	1500	1200	1650	1320	8140	2300	2800	16 000	1000
PW1710/SP	4012-46TAG3A	1710	1368	1881	1505	8140	2300	2800	16 000	1000
PW1800/SP	Model available in container (see next page)									
PW2000/SP	Model available in container (see next page)									
MTU800/SP	12V2000G26F	800	640	880	704	6640	2300	2600	10 000	1000
MTU900/SP	16V2000G16F	900	720	1000	800	7140	2300	2700	11 000	1000
MTU1000/SP	16V2000G26F	1000	800	1100	880	7140	2300	2700	11 050	1000
MTU1100/SP	16V2000G36F	1100	880	1250	1000	7140	2300	2700	11 700	1000
MTU1250/SP	18V2000G26F	1250	1000	1350	1080	8140	2400	3000	15 600	1500
MTU1350/SP	12V4000G23	1350	1080	1485	1188	8140	2400	3000	15 600	1500
MTU1500/SP	12V4000G23	1500	1200	1650	1320	8140	2400	3000	15 870	1500
MTU1600/SP	12V4000G23	1600	1280	1740	1392	8140	2400	3000	16 130	1500
MTU1800/SP	12V4000G63	1800	1440	2000	1600	12 000	2400	2800	18 300	2000
MTU2000/SP	16V4000G23	2000	1600	2200	1760	12 000	2400	2800	20 000	2000
CU800/SP	QSK23G3	800	640	880	704	6015	2300	2550	9800	1290
CU900/SP	QST30G3	900	720	990	792	6015	2300	2550	9800	1290
CU900/SP	KTA38G3	900	720	990	792	6640	2300	2550	9900	1000
CU1000/SP	QST30G4	1000	800	1100	880	6640	2300	2550	9900	1000
CU1000/SP	KTA38G5	1000	800	1100	880	6640	2300	2550	10 000	1000
CU1250/SP	KTA50G3	1250	1000	1375	1100	7140	2300	2600	12 570	1100
CU1400/SP	KTA50G8	1400	1120	1540	1232	7140	2300	2600	-	1500
CU1800/SP	Model available in container (see next page)									
CU2000/SP	Model available in container (see next page)									





SPECIFICATION
BY BRAND AND
BY MOTOR
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Container



Voltage



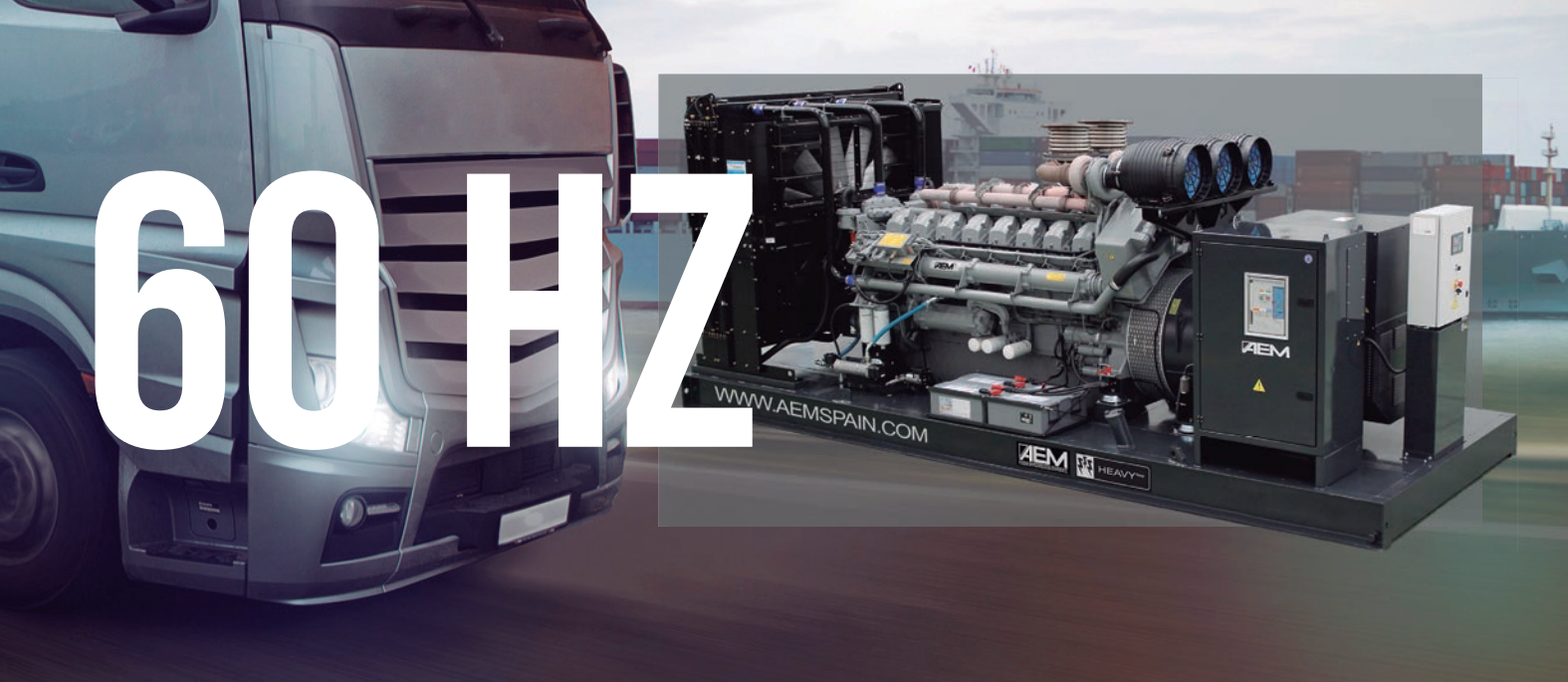
Revolutions



PRODUCT CATALOGUE
'CONTAINER' SERIES 50 HZ

	Mod. AEM	Motor model	KVA PRP	KW PRP	KVA LTP	KW LTP	Length [mm]	Width [mm]	Height [mm]	Weight [KG.]	Tank [L.]
Perkins	PW750/SPC	4006-23TAG2A	750	600	825	660	6058	2438	2591	12 000	1000
	PW800/SPC	4006-23TAG3A	800	640	880	704	6058	2438	2591	12 000	1000
	PW900/SPC	4008TAG1A	900	720	990	792	6058	2438	2890	13 000	1000
	PW1000/SP	4008TAG2A	1000	800	1100	880	6058	2438	2890	13 000	1000
	PW1250/SPC	4012-46TWG2A	1250	1000	1375	1100	6058	2438	2890	14 000	1000
	PW1350/SP	4012-46TWG3A	1350	1080	1485	1188	12 000	2438	2890	16 800	1000
	PW1500/SPC	4012-46TAG2A	1500	1200	1650	1320	12 000	2438	2890	17 200	1000
	PW1710/SP	4012-46TAG3A	1710	1368	1881	1505	12 000	2438	2890	17 500	1000
	PW1800/SPC	4016TAG1A	1850	1480	2035	1628	12 000	2438	2890	18 300	1000
	PW2000/SP	4016TAG2A	2000	1600	2200	1760	12 000	2438	2890	20 000	1000
MTU	MTU800/SPC	12V2000G26F	800	640	880	704	6058	2438	2591	12 000	1000
	MTU900/SPC	16V2000G16F	900	720	1000	800	6058	2438	2591	12 500	1000
	MTU1000/SPC	16V2000G26F	1000	800	1100	880	6058	2438	2591	12 600	1000
	MTU1100/SPC	16V2000G36F	1100	880	1250	1000	6058	2438	2591	13 000	1000
	MTU1250/SPC	18V2000G26F	1250	1000	1350	1080	6058	2438	2591	13 500	1000
	MTU1350/SPC	12V4000G23	1350	1080	1485	1188	12 000	2438	2890	16 200	1000
	MTU1500/SPC	12V4000G23	1500	1200	1650	1320	12 000	2438	2890	16 500	1000
	MTU1600/SP	12V4000G23	1600	1280	1740	1392	12 000	2438	2890	16 600	1000
	MTU1800/SPC	12V4000G63	1800	1440	2000	1600	12 000	2438	2890	18 300	1000
	MTU2000/SPC	16V4000G23	2000	1600	2200	1760	12 000	2438	2890	20 000	1000
Cummins	CU800/SPC	QSK23G3	800	640	880	704	6058	2438	2591	13 000	1000
	CU900/SPC	QST30G3	900	720	990	792	6058	2438	2591	13 000	1000
	CU900/SPC	KTA38G3	900	720	990	792	6058	2438	2591	13 200	1000
	CU1000/SPC	QST30G4	1000	800	1100	880	6058	2438	2591	14 000	1000
	CU1000/SPC	KTA38G5	1000	800	1100	880	6058	2438	2890	14 200	1000
	CU1250/SPC	KTA50G3	1250	1000	1375	1100	6058	2438	2890	15 000	1000
	CU1400/SPC	KTA50G8	1400	1120	1540	1232	12 000	2438	2890	16 500	1000
	CU1800/SPC	QSK60G3	1800	1440	1980	1584	12 000	2438	2890	18 100	1000
	CU2000/SPC	QSK60G4	2000	1600	2200	1760	12 000	2438	2890	20 000	1000





60 HZ

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PRODUCT CATALOGUE 'OPEN' SERIES 60 HZ

	Mod. AEM	Motor model	KVA PRP	KW PRP	KVA LTP	KW LTP	Length [mm]	Width [mm]	Height [mm]	Weight [KG.]	Tank [L.]
Perkins	PW750/OPEN	4006-23TAG2A	750	600	825	660	4800	2000	2180	5700	1000
	PW845/OPEN	4006-23TAG3A	845	676	938	750	4800	2000	2180	5909	1000
	PW885/OPEN	4008TAG1A	885	708	975	780	5400	2250	2460	7530	1130
	PW1000/OPEN	4008TAG2	1000	800	1100	880	5400	2250	2460	7530	1130
	PW1500/OPEN	4012-46TAG2A	1500	1200	1650	1320	5600	2200	2535	9800	1000
	PW1700/OPEN	4012-46TAG3A	1700	1360	1875	1500	5870	2300	2560	12 800	1500
MTU	MTU800/OPEN	12V2000G45	800	640	880	704	4800	1580	2300	5700	1000
	MTU900/OPEN	12V2000G85	900	720	990	792	5200	1760	2390	6850	1000
	MTU1000/OPEN	16V2000G45	1000	800	1100	880	5200	1760	2390	6900	1000
	MTU1140/OPEN	16V2000G85	1140	912	1254	1003	5300	1900	2560	7700	1100
	MTU1350/OPEN	18V2000G85	1350	1080	1485	1188	6000	2000	2600	10 500	1500
	MTU1750/OPEN	12V4000G43	1750	1400	1925	1540	6120	2000	2600	11 000	1500
	MTU2000/OPEN	12V4000G83	2000	1600	2200	1760	7360	2150	2800	13 800	1500
Cummins	CU900/OPEN	QSK23G3	900	720	1000	800	4900	1660	2260	6590	1000
	CU1000/OPEN	QST30G3	1000	800	1100	880	5400	2000	2400	10 300	1000
	CU1000/OPEN	KTA38G3	1000	800	1100	880	5400	2000	2400	10 400	1000
	CU1100/OPEN	QST30G4	1140	912	1250	1000	5400	2000	2400	10 500	1000
	CU1100/OPEN	KTA38G4	1140	912	1250	1000	5400	2000	2400	10 500	1000
	CU1400/OPEN	KTA50G3	1400	1120	1550	1240	5400	2000	2380	10 500	1000
	CU1600/OPEN	KTA50G9	1600	1280	1750	1400	6200	2000	2825	14 000	1500
	CU2200/OPEN	QSK60G6	2200	1760	2500	2000	6800	2600	3420	15 500	2000

Open Series



Voltage



Revolutions



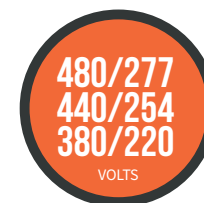
SPECIFICATION BY BRAND AND BY MOTOR POWER

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Soundproof



Voltage



Revolutions



PRODUCT CATALOGUE SOUNDPROOF 'SP' SERIES 60 HZ

	Mod. AEM	Motor model	KVA PRP	KW PRP	KVA LTP	KW LTP	Length [mm]	Width [mm]	Height [mm]	Weight [KG.]	Tank [L.]
Perkins	PW750/SP	4006-23TAG2A	750	600	825	660	6640	2300	2600	9900	1000
	PW845/SP	4006-23TAG3A	845	676	938	750	6640	2300	2600	10 000	1000
	PW885/SP	4008TAG1A	885	708	975	780	7140	2300	2600	10 500	1000
	PW1000/SP	4008TAG2	1000	800	1100	880	7140	2300	2600	10 650	1000
	PW1500/SP	4012-46TAG2A	1500	1200	1650	1320	8140	2300	2800	16 000	1000
	PW1700/SP	Model available in container (see next page)									
MTU	MTU800/SP	12V2000G45	800	640	880	704	6640	2300	2600	10 000	1000
	MTU900/SP	12V2000G85	900	720	990	792	7140	2300	2700	11 000	1000
	MTU1000/SP	16V2000G45	1000	800	1100	880	7140	2300	2700	11 050	1000
	MTU1140/SP	16V2000G85	1140	912	1254	1003	7140	2300	2700	11 700	1000
	MTU1350/SP	18V2000G85	1350	1080	1485	1188	8140	2400	3000	15 600	1500
	MTU1750/SP	12V4000G43	1750	1400	1925	1540	8140	2400	3000	16 130	1500
Cummins	MTU2000/SP	Model available in container (see next page)									
	CU900/SP	QSK23G3	900	720	1000	800	6015	2300	2550	9800	1290
	CU1000/SP	QST30G3	1000	800	1100	880	6015	2300	2550	9800	1290
	CU1000/SP	KTA38G3	1000	800	1100	880	6640	2300	2550	9900	1000
	CU1100/SP	QST30G4	1140	912	1250	1000	6640	2300	2550	9900	1000
	CU1100/SP	KTA38G4	1140	912	1250	1000	6640	2300	2550	10 000	1000
	CU1400/SP	KTA50G3	1400	1120	1550	1240	7140	2300	2600	12 570	1100
	CU1600/SP	Model available in container (see next page)									
	CU2200/SP	Model available in container (see next page)									



60 HZ

60 HZ



SPECIFICATION
BY BRAND AND
BY MOTOR
POWER

For more details
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or request it at
aem@aemspain.com



Container

480/277
440/254
380/220
VOLTS

Revolutions

1800
RPM

PRODUCT CATALOGUE
'CONTAINER' SERIES 60 HZ

	Mod. AEM	Motor model	KVA PRP	KW PRP	KVA LTP	KW LTP	Length [mm]	Width [mm]	Height [mm]	Weight [KG.]	Tank [L.]
Perkins	PW750/SPC	4006-23TAG2A	750	600	825	660	6058	2438	2591	12 000	1000
	PW845/SPC	4006-23TAG3A	845	676	938	750	6058	2438	2591	12 000	1000
	PW885/SPC	4008TAG1A	885	708	975	780	6058	2438	2591	13 000	1000
	PW1000/SPC	4008TAG2	1000	800	1100	880	6058	2438	2591	13 000	1000
	PW1500/SPC	4012-46TAG2A	1500	1200	1650	1320	12 000	2438	2890	17 200	1000
	PW1700/SPC	4012-46TAG3A	1700	1360	1875	1500	12 000	2438	2890	17 500	1000
MTU	MTU800/SPC	12V2000G45	800	640	880	704	6058	2438	2591	12 000	1000
	MTU900/SPC	12V2000G85	900	720	990	792	6058	2438	2591	12 500	1000
	MTU1000/SPC	16V2000G45	1000	800	1100	880	6058	2438	2591	12 600	1000
	MTU1140/SPC	16V2000G85	1140	912	1254	1003	6058	2438	2591	13 000	1000
	MTU1350/SPC	18V2000G85	1350	1080	1485	1188	12 000	2438	2890	16 200	1000
	MTU1750/SPC	12V4000G43	1750	1400	1925	1540	12 000	2438	2890	18 300	1000
Cummins	MTU2000/SPC	12V4000G83	2000	1600	2200	1760	12 000	2438	2890	20 000	1000
	CU900/SPC	QSK23G3	900	720	1000	800	6058	2438	2591	13 000	1000
	CU1000/SPC	QST30G3	1000	800	1100	880	6058	2438	2591	14 000	1000
	CU1000/SPC	KTA38G3	1000	800	1100	880	6058	2438	2591	14 200	1000
	CU1100/SPC	QST30G4	1140	912	1250	1000	6058	2438	2591	14 000	1000
	CU1100/SPC	KTA38G4	1140	912	1250	1000	6058	2438	2591	14 200	1000
	CU1400/SPC	KTA50G3	1400	1120	1550	1240	6058	2438	2591	16 500	1000
	CU1600/SPC	KTA50G9	1600	1280	1750	1400	12 000	2438	2890	18 100	1000
	CU2200/SPC	QSK60G6	2200	1760	2500	2000	12 000	2438	2890	20 000	1000



EXCLUSIVE
EQUIPMENT

For more details
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data sheets at
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or request it at
aem@aemspain.com

Open & Soundproof



Global service



Connectivity



Quality



STANDARD EQUIPMENT
HEAVY RANGE 50/60 HZ

PREMIUM STANDARD EQUIPMENT

The Heavy Range has the best standard equipment of the market. Our technical department advises you on the equipment that best suits your needs.

	Open	Soundproof
Diesel engine	✓	✓
Electronic Alternator Regulator - AVR	✓	✓
Silent Blocks for engine and alternator	✓	✓
Engine/Alternator wiring	✓	✓
Control panel	✓	✓
Differential and circuit breaker protections	✓	✓
Emergency stop	✓	✓
Steel base plate	✓	✓
Fuel tank	✓	✓
Externally accessible fuel filler neck & lockable cap.	✓	✓
Sealed frame with draining liquids screwed caps	✓	✓
Fuel level sensor	✓	✓
Battery	✓	✓
Residential exhausts (25-30 dB)	✓	✓
Oil drainage Kit		✓
Soundproofed canopy/framework		✓
Perforated sheet framework		✓
Containers: perforated sheet throughout the interior of the framework		✓
Security key locks		✓
Lifting hooks		✓
Powder paint		✓
Rainproof cap		✓
Busbar/Terminal block		✓
Hazard signalization stickers	✓	✓
Electrical grounding	✓	✓
Identification plate	✓	✓
Generating Set documentation	✓	✓

EXCLUSIVE
EQUIPMENT

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Open & Soundproof



Global service



Connectivity



Quality



OPTIONAL EQUIPMENT
HEAVY RANGE 50/60 HZ

OPTIONAL EQUIPMENT

In addition to the top standard equipment, all of the AEM Heavy Range has the following options. Our technical department advises you on the equipment that best suits your needs.

Tropicalized alternator
Oil drainage Kit
Engine water heater
Engine oil heater
Alternator heater
Battery disconnecter
Water temperature gauge
Oil temperature gauge
Fuel filter separator
Cyclonic air filters
Oil microfiltration
Centrifuge oil filters
Automatic fuel transfer system
Fuel quick plugs
Door safety micro-switch for disconnecting general circuit breaker when opening.
Special painting treatments
Heat/Thermal-insulated exhaust pipes
Electrical box
Powerlock box
Full-Connected Inside (Monitoring and remote control)
Perforated sheet throughout the interior of the framework
Supersilence® framework: premium soundproofing
Automatic oil refill in crankcase



DATA SHEETS

- Measures, weight, consumption...
- Motor and alternator features.
- Available control panels.
- Standard and optional equipment.
- Warranty.
- Regulations, etc.

EXCLUSIVE EQUIPMENT

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Open & Soundproof



Global service



Connectivity



Quality



YOUR TAILORED SOLUTION FOR SPECIAL APPLICATIONS

WE COVER ALL KINDS OF SPECIFICATIONS

Sometimes our customers require customized machines to cover their energy needs: a supply of telecommunication systems at major sporting events, music festivals, film productions, etc. That is why in AEM we design and manufacture ad hoc generators with dimensions adapted for reduced spaces, large tank for greater autonomy, Dual work 50-60Hz... maximum reliability equipment thanks to the machine systems synchronized and AEM Connect system that allows to control and monitor generators remotely.



IN ADDITION... FIND OUT ABOUT OUR OTHER RANGES

SOLUTIONS FOR ALL SECTORS

Find your solution with the rest of AEM ranges at your disposal: Heavy Range, Rental Range, Telecommunications, Defence, Synchronised, Power Plants... For their application in construction, public works, supply support, breakdown support, events, etc. Contact us! We will help you make the best choice.



CONTACT US

For more information please contact our technical or sales department. We will be pleased to assist you.

AEM SPAIN Head Office

Alternativas Energéticas Murcia, SL
Phone. +34 902 300 500
Fax: +34 902 300 552
aem@aemspain.com

Polígono Industrial Oeste
C/ Venezuela, Parcela 10-11
30820 Alcantarilla
Murcia (Spain)

Certified company:



NOTAS ON MY AEM HEAVY GENERATOR

360° SERVICES

AEM not only manufactures power solutions but offers a wide range of services tailored to the needs of our customers, dealers and partners. One of the most notable features is the ability to provide a quick and effective response to any eventuality that may arise.

SOME OF OUR SERVICES:



QUALITY CONTROL

A product close to "Zero faults"

To achieve a continuous improvement of products and processes in terms of customer satisfaction, we are certified with the UNE EN ISO 9001 standard. Furthermore, since 2003 we apply our own system of Internal Quality Management. We can carry out tests and special trials upon request.



PRODUCTION AND RAW MATERIALS

R & D in the entire production chain

Safety, sheet metal transformation, painting processes and metallic finishes, welding and robotics... We have the support of leading companies in the sector, and always use top brand components; demand guarantee and reliability to reach the level we set for our products.



SPECIALIZED IN TAILORED MANUFACTURING. PREMIUM STANDARD EQUIPMENT.

AEM is specialized in custom manufacturing. Our engineers, who are in contact with our sales department, study and design power generating systems based on customized generators, responding to any type of specifications and providing functional solutions for your project.

In addition to providing standardized machines and machines focused on sectors such as defense, power generation, telecommunications, rent, construction, transport etc., we are able to adapt ourselves and customize every aspect of your machine, from the color of

the machines, to the implementation of the most complex and advanced systems. **Always with premium standard equipment.**

After more than 25 years producing customized solutions, **we are the most efficient at this task**, optimizing and minimizing the term of the design, development and manufacturing processes.



YOUR MARKETING MENTOR

Exclusive for renters and distributors

We provide a unique and customizable promotional kit with the purchase of our products for private label strategies or for official AEM distributors: Catalogues, manuals and technical data sheets, official merchandising... We accompany you to successfully reach your end customer.



COMPREHENSIVE SERVICES

Quick and effective answers

We support any eventuality that comes with success and speed. In addition, we provide maintenance, technical and business consulting services and spare parts, replacements and consumables. All of the AEM generators have warranty (please contact us for the complete specifications).

OUR TECHNOLOGICAL PARTNERS

DEUTZ

VOLVO

LEROY SOMER

TERASAKI

Schneider Electric

socomec
Innovative Power Solutions

ABB

meccalte

DEIF

Cummins

LINZ ELECTRIC

DSE

IVECO

STAMFORD

ComAp

Perkins

mtu

JOHN DEERE

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F.A.Q.

FREQUENTLY ASKED QUESTIONS

The following shows the most common questions and answers related to the purchase of an AEM generator. In any case, sales representatives, engineers and after-sale service technicians will be at your disposal to answer any queries that you need to resolve.

- 1

HOW TO REQUEST AN OFFER?
You can call our sales department without obligation (+34 902 300 500), complete the form on our website 'www.aemspain.com/offer-request' or through E-mail at 'aem@aemspain.com'
- 2

WHAT GENERATOR DO I NEED? CAN I HAVE IT CUSTOM MADE?
Your Key Account Manager will guide you in choosing your equipment, adapted to your requirements and to the customization possibilities. For larger projects we will carry out a customized technical study.
- 3

WHAT DOES THE WARRANTY COVER?
Our standard warranty covers any manufacturing defects, valid for 1 year or 2000 hours of operation and ends when either of the two previous circumstances is met (contact us for extensions).
- 4

HOW DO I GET REPLACEMENT PARTS FOR MY GENERATOR?
It's as easy as calling your personal advisor. He will take care of everything related to your machine, supply and delivery of replacement parts and consumables, maintenance, technical assistance, operation, etc.
- 5

CAN I VISIT THE AEM FACILITIES?
We will be delighted to welcome you at our facilities for you to know how we work. Contact us and we will do our best to facilitate your stay.

NEW! AEM Rental Range



From 9 to 1250 KVA. The reliable & tailored solution for renting machinery area, a new concept of generators. Premium equipment as standard: 3A EMISSION regulations, versatile connections, robustness, large fuel tanks, extensive customization options...

More info



Product search

Select a range
Select series
Select engine
Power From
Power Up To
Select frequency
Search

TAILORED SOLUTIONS

AEM offer the possibility to customise and manufacture its Generating Sets adapting to the needs of each customer or project.



BASE RANGE



AEM Rental Range
(From 9 to 600 KVA)



AEM Industrial Range 50 Hz
(From 9 to 600 KVA)



AEM Industrial Range 60 Hz
(From 11 to 600 KVA)



AEM Heavy Range 50 Hz
(From 750 to 2000 KVA)



AEM Heavy Range 60 Hz
(From 750 to 2000 KVA)



Spare Parts