



# **S. AIVAZIDIS S.A.**

[www.aivazidis.gr](http://www.aivazidis.gr)

**MIRTEC**  
ISO 9001

## **GENERATING SETS**



## **SIGMA GEN**

[www.aivazidis.gr](http://www.aivazidis.gr)

**Applications:**  
*public buildings, hotels, hospitals, theaters, cinemas, ships,  
factories, schools, etc.*

- Trailer / stationary version
- MCP / ACP / LTS / AMF control panels
- Paralleling / synchronizing function with main or other genset
- 1.500rpm / 3.000rpm
- Open / soundproof version
- Land / marine use
- Diesel / natural gas / biogas

**Range: 10KVA up to 3.000KVA**

**S. AIVAZIDIS S.A.** was founded in 1991 by Mr. S. Aivazidis and today is one of the largest companies in its field in Greece.

Our company occupies with the manufacture and trade of electromechanical machines (in its production section) and elaboration of electromechanical projects (in its constructive section) specializing in water supply pump stations, irrigation pump stations and medium voltage substations. Our primary target is the complete manufacture of qualitatively upgraded electromechanical products and projects, at the implementation of which is given particular care in the application of strict techniques, economic, aesthetic and time specifications.

The stuff of the company is constituted by perfectly skilled executives and technicians, with particular emphasis in the service of customers, holding most excellent and modern owned equipment for the manufacture of the projects we undertake.

The company besides all the above departments and services that disposes, has created an R&D department headed by Mr. S. Aivazidis, to resolve specific technical problems relating to the study or to the construction of public or private projects.

The headquarters (factory and exhibition center), is located in Oreokastro area in Thessaloniki, covering proprietary building 3.500m<sup>2</sup>, in 7.800m<sup>2</sup> plot of land.

*The raw material suppliers of S. AIVAZIDIS S.A. are chosen with strict criteria concerning the reliability, the guarantee and the low cost of their supplied products.*

All the products that **S. AIVAZIDIS S.A.** trades as well as all raw materials of its constructions are produced by companies that dispose "certificate of quality according to **ISO 9001**."

All our products as well as the service we offer are covered by at least 12 months guarantee of good operation.

All of the above guarantee the best possible service to you.



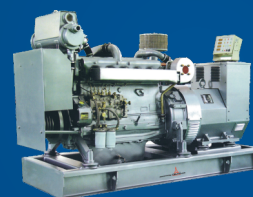
**Soundproof canopy  
(for small power)**



**Soundproof canopy  
(container 40ft - big power)**



**Soundproof canopy  
(for medium power)**



**Open marine genset**



**Mobile genset  
(for small power)**



**Soundproof canopy  
(for medium power)**



**ACP + LTS control panel  
(for big power)**

**SIGMA GEN** generating sets (from 10KVA up to 3.000KVA), are entirely manufactured in Greece, according to the European norms, loyally following default production processes such as those analytically described in the manual quality assurance according **ISO9001**. In this way we obtain stable and high manufacturing quality of the finished product.

The generating sets of our company are used to provide permanent or stand-by electric power in public buildings, hotels, hospitals, theaters, cinemas, ships, factories, schools, etc.

Each **SIGMA GEN** generating set before its delivery has undergone successful testing both in the different phases of production and as end product. They are accompanied with the corresponding inspection and testing certificates, statement of conformity with the European standards (and the corresponding CE mark), certificate of quality assurance according ISO9001, company's statement that has the capability both of technical support and supply of spare parts for at least a decade, operation and maintenance manual, electric diagrams and other technical documents. It is a solid construction based on a common metal base frame, constituting an independent unit.

Composed of **STEYR - RICARDO- DEUTZ MHM - WEICHAI, CUMMINS, ADF, DAEWOO, YANGDONG, VOLVO, MTU, IVECO engines, MECC ALTE, STAMFORT, LEROY SOMER, MARELLI, or MARATHON** alternators.

Each generator consists of the following parts:

- (a) The diesel / natural gas / biogas drive unit.
- (b) The alternator that produces electric power.
- (c) The common base frame.
- (d) The control and protection panel.
- (e) The soundproof canopy (which is optional equipment).

Our company manufactures generating sets from 10KVA to 3.000KVA in different versions: 1.500rpm or 3.000rpm, open or soundproof, land or marine use, on a trailer or stationary, with manual control panel (MCP) or automatic (ACP), with built in or separate change over conductors (LTS), with electronic module for paralleling and synchronizing between two generating sets or between generating set with main, remote control through SCADA system etc.

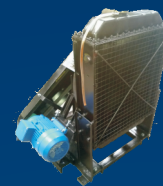
One of the most important advantages of our company is the fact that all our generating sets can be manufactured in accordance with the special characteristics and the specific operational or design requirements of each customer (custom made), since everything is produced in our facilities, from the beginning. Thus, the customer may ask greater capacity built-in fuel tank, higher soundproof capability (compared to the basic soundproof version), smaller base-frame or canopy dimensions (in case there is limited space problem), option for greater power diesel engine than the normal one (so as to increase the safety factor in case there are contemporary loads of the consuming) etc.



**S. AIVAZIDIS S.A.**

www.aivazidis.gr

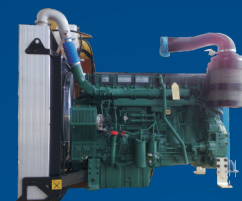
MIRTEC  
ISO9001



**Remote genset radiator**



**Mobile genset - two axis  
(for medium power)**



**Diesel engine for genset**



**Soundproof canopy  
(container 40ft - big power)**



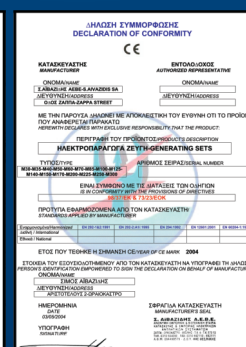
**Soundproof canopy  
(for medium power)**



**Open genset**



**ISO 9001**



**C.E. CERTIFICATE**





**SIGMA GEN**  
www.aivazidis.gr

Technograf Tel: 2310 780815



**S. AIVAZIDIS S.A.**  
www.aivazidis.gr



**Headquarter**

Zappa Str., Oreokastro,  
57013 Thessaloniki/Greece  
Tel.: +30 2310 694000  
Fax: +30 2310 692110  
info@aivazidis.gr

**Branch office**

Papanastasiou Str. 130,  
104 45 K. Patisia, Athens, Greece  
Tel.: +30 210 2116378  
Fax: +30 210 2116379