

**North America**



**Natural Gas  
Generator Sets**

## ***The support of a great company***

*Field experience, a professional team, and a 100% organic growth has been the key to our leadership*

## **Who are we?**

*We are an engineering company, specialized in sustainable design and construction, infrastructure, operation, maintenance, and power backup, protecting your entire operation. We are pioneers in generator sets manufacturing, leaders in cogeneration power plants, and experts in backup for IT infrastructure.*

*IGSA has 50 years of experience, covering 17 countries and a network of over 50 distributors, across the nation and worldwide.*

## **Value proposal**

*We design comprehensive solutions, working with avant-garde products and services, ensuring the continuity of your operation, reducing the risks and increasing your business profitability.*

## **Why work with IGSA?**

*We have the tools and the latest technologies for the continuity of your business. At IGSA, we identify and quantify the possible risks and opportunities of your company. We have the solutions to counteract the damages and protect your business. Our global capacity, experience, incomparable talent and unique service allows us to deliver unique and comprehensive solutions to each of our clients.*





# Our Business Sectors



## Generator Sets

*Manufacture and commercialization of Diesel and Natural Gas Generator sets ranging from 20 kW - 2000 kW.*



## Energy and Cogeneration

*This branch is specialized in efficient generation and cogeneration projects, which allows our clients to reduce their global electricity and thermal power expenses (steam, drying, refrigeration, and pressurized water).*



## Critical Mission for Infrastructure

*This branch specializes in the design and execution of projects, including: equipment sales, installation, service, operation, construction, maintenance and infrastructure for telecommunication networks, data centers, commercial and Industrial environments.*



# Gensets



## Gensets

Founded in the year 1970 with 50 years of experience manufacturing generators, currently present in 17 countries with a network of more than 50 distributors and more than 80,000 generators manufactured throughout our company history.

Our factory located in Mexico, works with the latest technology in Laser Cut, Sheet Doubles and Electrostatic Powder Paint. Measuring 162,000 sq ft and producing more than 2,000 generators per year.

## Certifications

Due to our manufacturing quality we have attained the following certifications:



## Guaranteed

We guarantee the quality of our products by using only the highest quality components:



# **NATURAL GAS GENERATOR SETS**

## **25-1000 kW**

**IGSA POWER** offers UL certified natural gas generator sets ranging from **25 - 1000 kW** powered by PSI engines EPA certified. Our experience of 50 years guarantee the quality of our products. Our Engineering, Sales & After Sales team have the expertise to meet the needs of our clients



# Natural Gas Gensets



25kW - 1000 kW



## PSI

IGSA MODEL	STANDBY POWER		ENGINE MODEL	ALTERNATOR MODEL*	CONTROL PANEL	AVAILABLE VOLTAGE	
	KW	KVA				1 Ph	3 Ph
NG-GSPSI0025S	25	31.25	PSI 2.4L	S1L2-N1	DSE 7310	240 VCA	208 - 600 VCA
NG-GSPSI0030S	30	37.5	PSI 3.0L	S1L2-N1	DSE 7310	240 VCA	208 - 600 VCA
NG-GSPSI0040S	40	50	PSI 4.3L	S1L2-Y1	DSE 7310	240 VCA	208 - 600 VCA
NG-GSPSI0060S	60	75	PSI 5.7L NA	UCI224G	DSE 7310	240 VCA	208 - 600 VCA
NG-GSPSI0080S	80	100	PSI 5.7T	UCI 274C	DSE 7310	240 VCA	208 - 600 VCA
NG-GSPSI0100S	100	125	PSI 5.7 TCAC	UCI 274E	DSE 7310	240 VCA	208 - 600 VCA
NG-GSPSI0125S	125	156.25	PSI 8.8LT	UCI 274F	DSE 7310	240 VCA	208 - 600 VCA
NG-GSPSI0150S	150	187.5	PSI 8.8LTCAC	UCI274G	DSE 7310	240 VCA	208 - 600 VCA
NG-GSPSI0200S	200	250	PSI HD 11.1L	UCI274H	DSE 7310	N/A	208 - 600 VCA
NG-GSPSI0300S	300	375	PSI HD 14.6L	S4L1S-E4	DSE 7310	N/A	208 - 600 VCA
NG-GSPSI0450S	450	562.5	PSI HD 21.9L	HCI534E	DSE 7310	N/A	208 - 600 VCA
NG-GSPSI0650S	650	812.5	PSI 32L	HCI534F	DSE 7310	N/A	208 - 600 VCA
NG-GSPSI0800S	800	1000	PSI 40L	HCI634H	DSE 7310	N/A	208 - 600 VCA
NG-GSPSI1000S	1000	1250	PSI 53L	HCI 634K	DSE 7310	N/A	208 - 600 VCA

AVAILABLE VOLTAGE	
1Ph 240V	3Ph 208 - 600v
25 - 150kw	25 - 1000kw

\*Alternator model shown in the table are only for 3ph 208 - 480v, for other option review the specific data sheet. Materials and specifications are subject to change without notice.



# Sound Attenuated Enclosures



## Sound Attenuated Enclosures

Sound Attenuated Enclosure LEVEL 2, designed and manufactured with: Polyurethane acoustic material with 2" of vinyl thickness critical noise reduction levels.

- 14 gauge carbon steel.
- Polyurethane acoustic coating of 2 inches thick.
- Access and air expulsion to avoid gas accumulation.
- Drainage System to avoid liquid accumulation.
- Easy access service doors.
- Thermally insulated engine exhaust system.
- Emergency stop push button.
- Electrostatic Powder Paint, 1000 Hour Salt Spray.

Optional sound attenuated enclosure in aluminum and stainless steel.

### ATTENUATION LEVEL

RANGE	TOTAL NOISE	DISTANCE
KW	db (A)	ft (mts)
20 - 30	64 - 66	23 (7)
40 - 60	65 - 68	23 (7)
80 - 125	66 - 70	23 (7)
150 - 200	68 - 72	23 (7)
250 - 300	70 - 74	23 (7)
350 - 400	73 - 76	23 (7)
450 - 600	76 - 79	23 (7)
800	80 - 82	23 (7)
1000	80 - 83	23 (7)
1600	82 - 84	23 (7)
2500	84 - 86	23 (7)

## Acoustic Containers

Custom designed and manufactured by IGSA Standard measures from 20 up to 40 feet and custom measures.

Development of special application such as:

- Air conditioning
- Fire detection and extinguishing system



# Standard Accessories



**Genset Controller**

## **DSE7310 MKII**

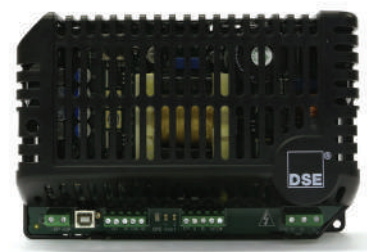
The DSE7310 MKII is a powerful, new generation auto start genset control module with a highly sophisticated level of new features and functions, presented in the usual DSE user-friendly format. Suitable for a wide variety of single, diesel or gas Gen-set applications.



**Synchronising & Load Sharing Control Module**

## **DSE8610 MKII**

The DSE8610 MKII represents the latest in complex load sharing & synchronising control technology. Designed to handle the most complex grid type generator applications the DSE8610 MKII control module is packed with multiple features and benefits that are unrivaled across the generator control industry.



**Battery Charger**

## **DSE9470 MKII**

The DSE9470 MKII is an intelligent switch-mode battery charger that can be programmed for different charging curves. This helps to maximize battery life. The charger is programmed using the DSE Configuration Suite Software. The charger can be DIN rail or chassis mounted and has three built-in LEDs to indicate current charging status and fault conditions. The charger continues to operate during cranking and running and accepts multiple AC voltage connections.



## **Sub Base Fuel-Tanks**

UL 142 Listed

Available in different capacities and sizes  
Vent Caps, Fuel Sensor and Fuel Gauge included



## **Main Line Circuit Breaker**

IGSA POWER gensets include ABB Breakers

T-MAX SERIES 100-1200 A

E-MAX SERIES 1600-4000A

# Optional Accessories

Paralleling Adder (DSE8610 & Motorized Breaker)	Enclosure Space Heater (1500w/120v)
120V GFCI Receptacle	Load Center / Distribution Board (100 A, 12 Breaker)
240V Receptacle	Load Center / Distribution Board (200 A, 8 Breaker)
Alternator Strip Heater	MX321 - AVR UPGRADE
Battery Blanket Heater	Oil Pan Heater
Battery Disconnect Switch	Relay - 10A Common Alarm
Battery Pad Heater	Relay - 10A Run Relay
Battery Restraint	Remote E-Stop- Breaker Glass Type / Nema 3R
Control Panel Heater	Remote E-Stop- Breaker Glass Type / Nema 4X
DSE2157 Output Module (8 dry contacts)	Remote E-Stop- Flush Mount
DSE2520 Remote Display Module	Remote E-Stop- Surface Mount
DSE2548 Remote Annunciator (16 light)	Remote E-Stop- Visual/ Plastic Hinged Cover
DSE2548 Remote Annunciator (24 light)	SENS 10A Battery Charger NRG24-10-RC
DSE2548 Remote Annunciator (8 light)	SENS 20A Battery Charger
DSE890 3G GATEWAY	Spring Isolator- Non Seismic (ACE 121 Series) <small>SKIRT NOT INCLUDED</small>
GSM/GPS ANTENNA 3M RG-174, GSM-SMA(M), GPS-SMA(F)	Spring Isolator- Seismic/Restraint (ACE 821 Series) <small>SKIRT NOT INCLUDED</small>
DSE9641 10A Battery Charger	Voltage Adjust Rheostat
DSE9470 10A Battery Charger	Automatic Transfer Switch

## Automatic Transfer Switch

### ASCO SERIES 300 Group G Power

Automatically transfer critical loads in the event of a power outage with the ASCO SERIES 300. Rugged construction and proven performance assure the user of many years of reliability.

- The SERIES 300 is listed to UL 1008 standard for total system load and CSA standard C22.2 for automatic transfer switches.
- Meets NFPA 110 for Emergency and Standby Power Systems.
- Easy-to-navigate 128x64 graphical LCD display with keypad provides LED indicators for switch position, source availability, not in auto mode, and alert condition.



ASCO 4000 AND 7000 SERIES  
AVAILABLE



## **USA OFFICE**

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## **HEADQUARTERS**

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## **ASSEMBLY FACTORY**

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## **INTERNATIONAL PRESENCE**

- Mexico
- USA
- Canada
- Puerto Rico
- Chile
- Dominican Rep.
- Cuba
- Peru
- Honduras
- El Salvador
- Costa Rica
- Nicaragua
- Panama
- Colombia
- Ecuador
- Venezuela
- Guatemala





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