

POWER GENERATORS

INMESOL

RR RENTAL RANGE

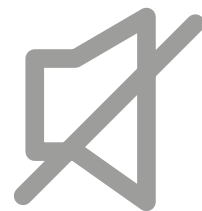
22-770 kVA LTP

50 Hz



NEW RENTAL GENSETS

ULTRA SOUNDPROOF



ONLY

50 dB(A)

OF SOUND EMISSIONS

At 7 m and 75 % of load (PRP)



RENTAL RANGE

Also:

New design, more
robust canopy

Other structural &
capacity upgrades



SMART POWER
(UE) 2016/1628

www.inmesol.com

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RR RENTAL RANGE



The Rental Range of Inmesol generator sets, is aimed at temporary electrical supply, where the main applications are construction, public works, roads, underground constructions, concerts, celebrations, telecommunications, industries etc.

The Rental Range mainly stands out for its soundproof cabin designed and studied by our team of engineers to comply with the most rigorous specifications for noise emissions to the atmosphere.

It has a wide range of accessories to extend the maintenance processes when refilling fuel, etc., according to electrical safety and environmental standards. This, together with a wide variety of options such as pre-filter systems, plugs and types of electrical connection with an easy control panel.

The INMESOL generator set for rental is designed and manufactured with robustness and solidity for work in severe weather conditions, taking into account the accessibility to the different parts of the generator set, which make the maintenance tasks easier.

An important feature is the possibility of incorporating a mobile kit, either high or low speed.

Inmesol EC Conformity
Certificate of noise emissions.
Directive 2005/88/EC.



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**Committed to the
environment**

**POWER GENERATORS
INMESOL**



FEATURES:

- › Unit Control Deep Sea 6110 MKII / 7310 MKII (Depending on model, view table pages).
- › Circuit breaker 4P.
- › Earth leakage adjustable.
- › One silencer of industrial type and another silencer of residential type to decrease the exhaust sound level.
- › Special anti vibration mounts fitted between the alternator/engine block and the frame, to decrease the amount of vibrations that are transmitted to the frame and to absorb all mechanical chocks from transportation.
- › 24 h fuel tank and heavy duty skid.
- › Retention bund (capable of retaining up to 120%).
- › All exterior bolts and nuts in stainless steel.

KOHLER®

TRIPHASE 400/230 V | DIESEL

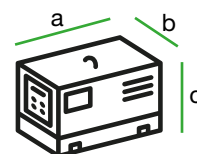
22-33 kVA LTP

a: 2055 mm
b: 1020 mm
c: 1535 mm



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KOHLER®

TRIPHASE 400/230 V | DIESEL

42-66 kVA LTP

a: 2555 mm
b: 1160 mm
c: 1630 mm



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VOLVO PENTA

TRIPHASE 400/230 V | DIESEL

90-115 kVA LTP

a: 2990 mm
b: 1160 mm
c: 1900 mm



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**VOLVO
PENTA**

TRIPHASE 400/230 V | DIESEL

145-275 kVA LTP

a: 3640 mm

b: 1200 mm

c: 2292 mm

SMART POWER
97 / 68 / CESMART POWER
(UE) 2016/1628**NEW****OPTIMIZED MEASURES
FOR EFFECTIVE TRANSPORT**

**Up to 6 units
of 275 kVA LTP
in each canvas
trailer
(1650 kVA LTP
Totally)**

**VOLVO
PENTA**

TRIPHASE 400/230 V | DIESEL

330-440 kVA LTP

a: 4260 mm

b: 1650 mm

c: 2395 mm

SMART POWER
97 / 68 / CESMART POWER
(UE) 2016/1628**VOLVO
PENTA**

TRIPHASE 400/230 V | DIESEL

500-770 kVA LTP

a: 4860 mm

b: 2060 mm

c: 2585 mm

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KEY FEATURES:



1 SOUNDPROOF CANOPY

with rockwool lane for:

- Acoustic isolation (very low sound levels).
- Thermic isolation, (low/high temperatures).



2 PROTECTED with QUALICOAT paint that provides high resistance to ultraviolet radiation and ensure durability even under severe and extreme environmental conditions.



3 LIFTING HOOK, guaranteeing stability and safety in transfer operations.



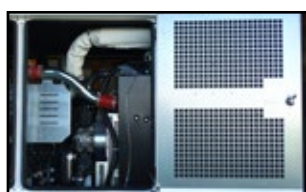
4 UPPER AIR EXHAUST contributes to reducing the noise emissions.



5 WIDE DOORS that facilitate maintenance operations.



6 DOOR RETAINER that facilitate maintenance operations.



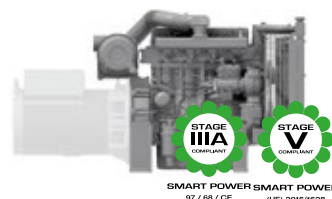
7 SOUND PROOF DOORS protected by a metal grid.



8 DOCUMENTS BAG



9 LARGE LIFTING POCKETS to facilitate handling and transport.



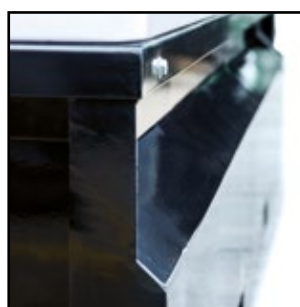
10 STAGE IIIA AND STAGE V REGULATIONS ENGINES



11 CABLES LOCK for fixing the power cables, thus avoiding the power lugs or sockets to withstand mechanical efforts due to unexpected pulls.



12 CONTROL PANEL PROTECTED FROM RAIN, damage and unwanted access by a locked door.



13 HEAVY DUTY SKID that protects the socket kit and control panel from damage in transport operations.



14 24H FUEL TANK with internal reinforcements and baffle walls that prevent sloshing of fuel when the gen set is transported with a full tank.



15 RETENTION BUND
(capable of retaining up to 120%).



16 HOOK FOR TOWING.

17 SOCKET KIT. (See page 10)

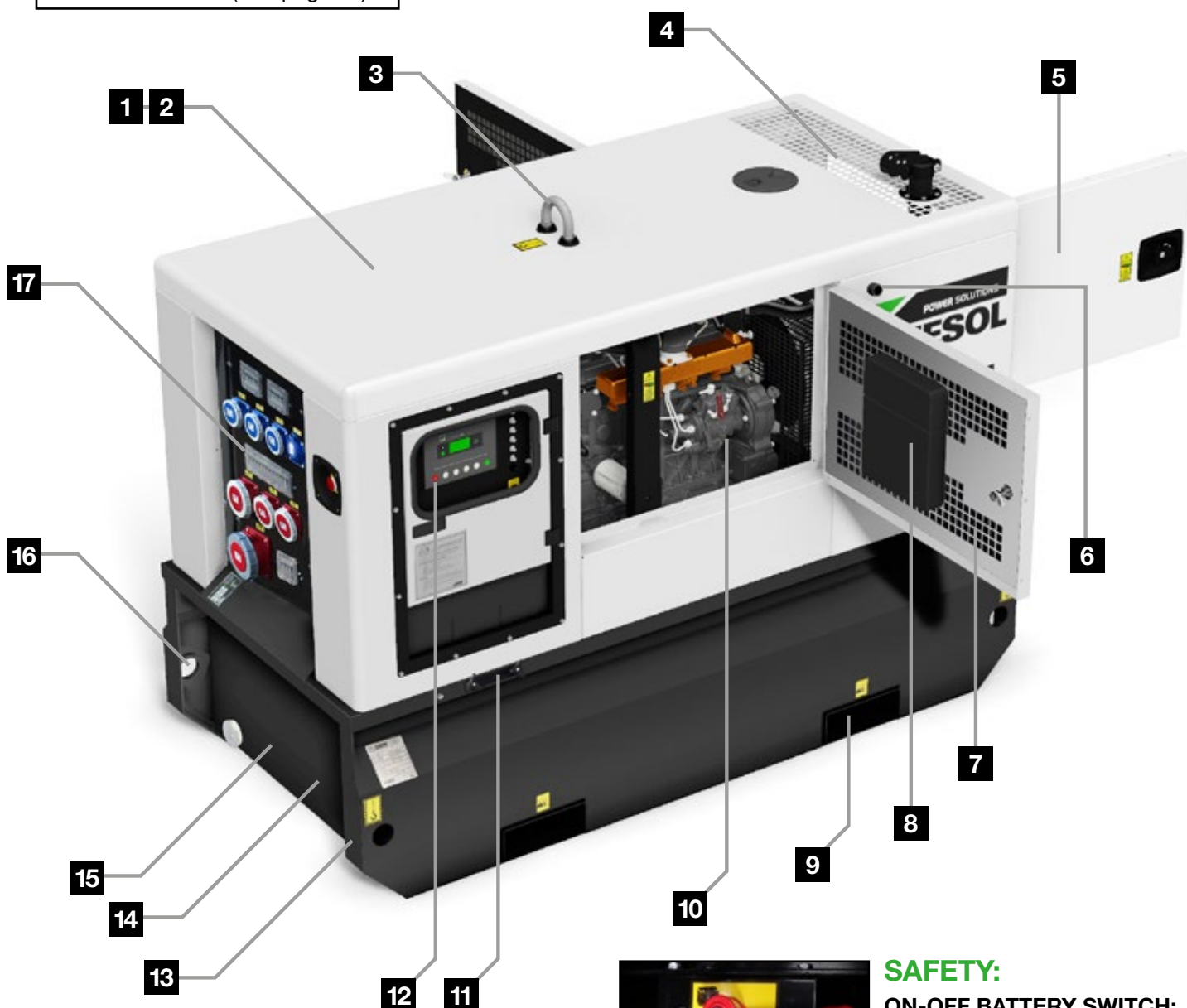


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These gensets are ideal for working in **severe weather conditions**. They are characterized by being **robust, compact and technically innovative equipment**. They comply with any possible requirement, including those of **European regulations on low levels of noise emissions and emissions of gases into the atmosphere**.



SAFETY:

ON-OFF BATTERY SWITCH:
detachable piece, which when removed means the equipment cannot be manipulated.

KOHLER®

MODEL	PRP (kVA)	LTP (kVA)	ENGINE	COMPLY WITH REGULATION	DIMENSIONS (mm) LENGTH x WIDTH x HEIGHT	WEIGHT (kg)	FUEL TANK (L)	SOUND LEVEL (dB(A)@7m)	SKID MOUNTED GEN. SET	CONTROL PANEL
STAGE II										
IKR-044	40	44	KDI2504TM	STAGE II	2555x1160x1630	1380	250	60	STD	DE 6110 MKII
IKR-066	60	66	KDI3404TM	STAGE II	2555x1160x1630	1600	250	60	STD	DE 6110 MKII
STAGE IIIA										
IKRN-022	20	22	KDI1903M	STAGE IIIA	2055x1020x1535	1020	180	60	STD	DSE 6110 MKII
IKRN-030	27	30	KDI2504M	STAGE IIIA	2055x1020x1535	1100	180	60	STD	DSE 6110 MKII
IKRN-033	30	33	KDI2504TM30-TA	STAGE IIIA	2055x1020x1535	1120	180	60	STD	DSE 6110 MKII
IKRN-042	38	42	KDI2504TM-40EU	STAGE IIIA	2555x1160x1630	1240	250	60	STD	DSE 6110 MKII
IKRN-066	60	66	KDI3404TMCAC	STAGE IIIA	2555x1160x1630	1660	250	60	STD	DSE 6110 MKII
STAGE V										
IKRN5-020	17	19	KDI1903M-SV	STAGE V	2062x1020x1535	1020	180	60	STD	DSE 7310 MKII
IKRN5-040	33	37	KDI1903TCRCAC-SV	STAGE V	2562x1160x1645	1140	250	60	STD	DSE 7310 MKII
IKRN5-050	46	50	KDI2504TCRCAC-SV	STAGE V	2562x1160x1645	1320	250	60	STD	DSE 7310 MKII
IKRN5-110	100	110	KDI3404TCRCAC-SV	STAGE V	3000x1170x1900	2020	480	60	STD	DSE 7310 MKII

VOLVO
PENTA

MODEL	PRP (kVA)	LTP (kVA)	ENGINE	COMPLY WITH REGULATION	DIMENSIONS (mm) LENGTH x WIDTH x HEIGHT	WEIGHT (kg)	FUEL TANK (L)	SOUND LEVEL (dB(A)@7m)	SKID MOUNTED GEN. SET	CONTROL PANEL
STAGE II										
IVR-095	85	95	TAD530GE	STAGE II	2990x1160x1900	1680	480	61	STD	DSE 6110 MKII
IVR-110	100	110	TAD531GE	STAGE II	2990x1160x1900	2040	480	64	STD	DSE 6110 MKII
IVR-145	130	145	TAD532GE	STAGE II	3640x1200x2292	2170	1100	64	STD	DSE 6110 MKII
IVR-165	150	165	TAD731GE	STAGE II	3640x1200x2292	2560	1100	64	STD	DSE 6110 MKII
IVR-200	180	200	TAD732GE	STAGE II	3640x1200x2292	3260	1100	64	STD	DSE 6110 MKII
IVR-220	200	220	TAD7333GE	STAGE II	3640x1200x2292	3260	1100	64	STD	DSE 6110 MKII
IVR-275	250	275	TAD734GE	STAGE II	3640x1200x2292	3320	1100	66	STD	DSE 7310 MKII
IVR-330	300	330	TAD1341GE	STAGE II	4260x1650x2395	4200	1800	66	STD	DSE 7310 MKII
IVR-350	320	350	TAD1341GE	STAGE II	4260x1650x2395	4360	1800	66	STD	DSE 7310 MKII
IVR-385	350	390	TAD1342GE	STAGE II	4260x1650x2395	4360	1800	66	STD	DSE 7310 MKII
IVR-415	380	415	TAD1343GE	STAGE II	4260x1650x2395	4600	1800	66	STD	DSE 7310 MKII
IVR-440	400	450	TAD1344GE	STAGE II	4260x1650x2395	4600	1800	66	STD	DSE 7310 MKII
IVR-500	454	505	TAD1345GE	STAGE II	4260x1650x2395	5620	1800	70	STD	DSE 7310 MKII
IVR-550	508	559	TAD1641GE	STAGE II	4860x2060x2585	5940	1000	70	STD	DSE 7310 MKII
IVR-650	600	660	TAD1642GE	STAGE II	4860x2060x2585	6260	1000	72	STD	DSE 7310 MKII
IVR-680	610	665	TWD1643GE	STAGE II	4860x2060x2585	6480	1000	72	STD	DSE 7310 MKII
IVR-700	640	710	TWD1643GE	STAGE II	4860x2060x2585	6660	1000	72	STD	DSE 7310 MKII
IVR-730	660	730	TWD1644GE	STAGE II	4860x2060x2585	6800	1000	72	STD	DSE 7310 MKII
IVR-770	700	770	TWD1645GE	STAGE II	4860x2060x2585	7100	1000	72	STD	DSE 7310 MKII
STAGE IIIA										
IVRN-095	85	95	TAD550GE	STAGE IIIA	2990x1160x1900	2090	480	61	STD	DSE 6110 MKII
IVRN-115	105	115	TAD551GE	STAGE IIIA	2990x1160x1900	2120	480	64	STD	DSE 6110 MKII
IVRN-145	130	145	TAD750GE	STAGE IIIA	3640x1200x2292	3050	1100	64	STD	DSE 6110 MKII
IVRN-165	150	165	TAD751GE	STAGE IIIA	3640x1200x2292	3050	1100	64	STD	DSE 6110 MKII
IVRN-200	180	200	TAD752GE	STAGE IIIA	3640x1200x2292	3160	1100	64	STD	DSE 6110 MKII
IVRN-220	200	220	TAD753GE	STAGE IIIA	3640x1200x2292	3240	1100	64	STD	DSE 6110 MKII
IVRN-275	250	275	TAD754GE	STAGE IIIA	3640x1200x2292	3320	1100	66	STD	DSE 7310 MKII
IVRN-330	300	330	TAD1351GE	STAGE IIIA	4260x1650x2395	4660	1800	66	STD	DSE 7310 MKII
IVRN-355	325	355	TAD1351GE	STAGE IIIA	4260x1650x2395	4800	1800	66	STD	DSE 7310 MKII
IVRN-385	350	400	TAD1352GE	STAGE IIIA	4260x1650x2395	4800	1800	66	STD	DSE 7310 MKII
IVRN-425	390	425	TAD1354GE	STAGE IIIA	4260x1650x2395	4930	1800	66	STD	DSE 7310 MKII
IVRN-440	400	440	TAD1355GE	STAGE IIIA	4260x1650x2395	4930	1800	66	STD	DSE 7310 MKII
IVRN-500	450	500	TAD1650GE	STAGE IIIA	4860x2060x2585	6410	1000	70	N/A	DSE 7310 MKII
IVRN-550	510	560	TAD1651GE	STAGE IIIA	4860x2060x2585	6460	1000	70	N/A	DSE 7310 MKII

STD: STANDARD · N/A: NOT AVAILABLE · T.B.A.: TO BE ADVISED

Control modules



NEW

DSE 6110 MKII

Auto Start Control Module

The DSE 6110 MKII is an advanced controller that has a wide range of functions, outputs, inputs and a large screen to view the status and measurements.

For all KOHLER, FPT-IVECO and VOLVO engines until and including 220 kVA (LTP).



DSE 7310 MKII

Auto Start Control Module

The DSE 7310 MKII is an advanced controller with all the features of DSE 6110 MKII and more function, inputs and outputs. It includes communication ports.

From 275 KVA (LTP) for FPT-IVECO & VOLVO engines.

Scope of supply

Engine/alternator assembly, coupled and installed on a heavy electric welded steel profile base frame through antivibration pad, then treated with rust removing products for zinc layer application and Polyester (QUALICOAT) painting, "special treatment for external and corrosive environment."

Soundproof canopy treated with rust removing products for zinc layer application and Polyester (QUALICOAT) painting, "special treatment for external and corrosive environment." Then lined with rock wool material of high density.

Liquid cooled engine with integrated mechanical radiator and blower fan.

Integrated exhaust residential silencer of -35 db (A) attenuation, with rain cap protection.

Lifting hook crane.

Fork lift pockets for easy lifting from the bottom.

Hook for towing.

Radiator water filling cover register.

Easy access to radiator cleaning, and replacement.

Integrated metallic fuel tank of 24 hours autonomy with liquid leakage protection.

Large fuel tank register for cleaning.

Fuel draining plug.

Internal fuel filler cap with security lockable key.

Protection of heat, mobile, and live components.

Manual oil sump pump.

Baseframe prepared to be mounted on a trailer.

External emergency stop push button.

Engine starting battery "maintenance free" complete with wires connection, terminal protection and on-off switch.

Alternator battery charger with earth plug.

Self excited and auto regulated alternator.

Manual control panel with a microprocessor for control, protection and generating set reading parameters as voltage, amperage, working hours, etc.

Circuit breaker 4P and regulable earth leakage

Prepared for earth stud installation (earth stud not included).

Vertical outlet for hot air

On/off battery switch

Documents Bag

Door retainer

Cables lock for fixing the power cables.

One silencer of industrial type and another silencer of residential type to decrease the exhaust sound level.

Special anti vibration mounts fitted between the alternator/engine block and the frame, to decrease the amount of vibrations that are transmitted to the frame and to absorb all mechanical shocks from transportation.

OPTIONS

Coolant preheating resistor.

Battery charger

Automatic/manual fuel transfer pump.

Total plus alternator protection.

Different colour.

External linkbox for armoured cables.

Kit of 3-way valves for external fuel tank connection (optional single lever).

Fast fuel plug connection between external and internal fuel tanks

AMF/ATS panel to turn a manual gen set to automatic version.

Voltage and frequency change selector (50 Hz - 60 Hz).

Electrical power socket kit

Soundproof canopy auxiliary internal lighting

Upgrades to switchboards from other brands.

SOCKET KIT

Socket kit prepared to get the maximum power from the generators. This configuration is standard.

a 16A 1P+N+E

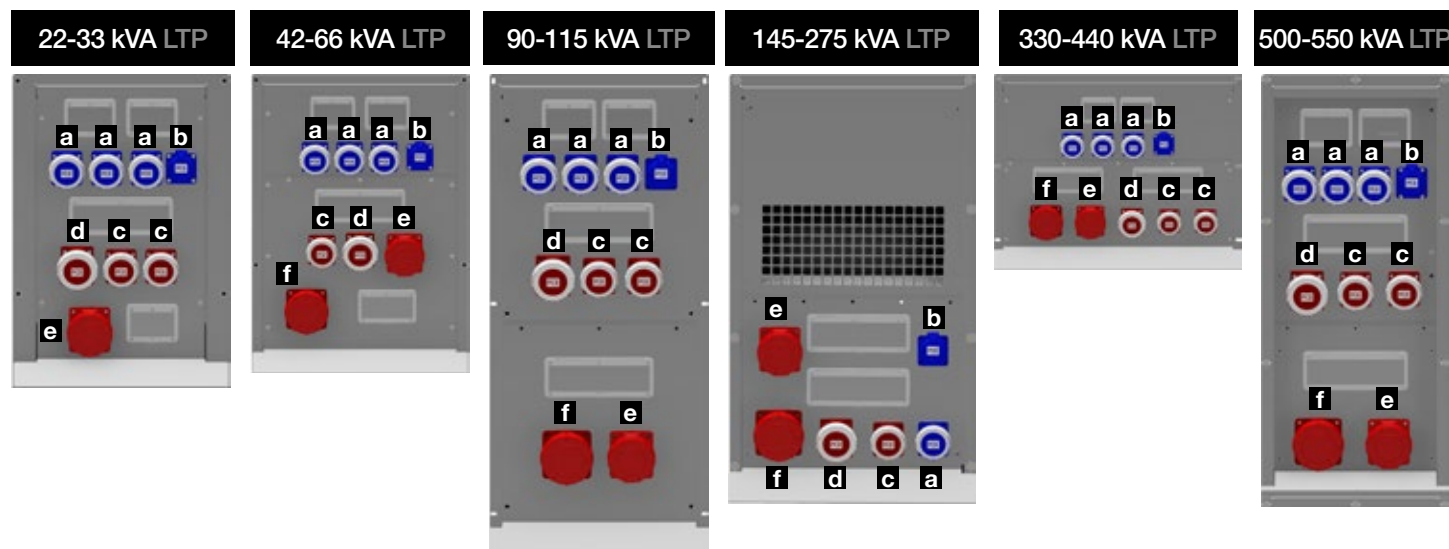
b SHUCKO

c 16A 3P+N+E

d 32A 3P+N+E

e 63A 3P+N+E

f 125A 3P+N+E



OP OPTIONS AND ACCESSORIES

AUTOMATIC TRANSFER SWITCH (ATS)

DSE 334 AMF/ATS PANEL TO TURN A MANUAL GENSET TO AUTOMATIC VERSION

The panel consists of:

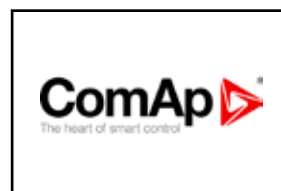
- CONTROL MODULE **DSE 334**
- CHANGE OVER SWITCH
- BATTERY CHARGER.

ATS



Wall panel

Upgrades to switchboards from other brands:



Automatic-manual fuel transfer pump



Battery charger



Fast fuel plug connection between external and internal fuel tank.



DSE890 Gateway - 3G (GSM)/Ethernet



Spark extinguishing system



Kit of 3-way valves for external fuel tank (optional single lever)



Coolant level sensor in radiator



Water/Fuel separating filter



Engine coolant heater

Rental gensets in parallel

- › Electronic governor engine.
- › Contactor up to 180 kVA PRP inclusive.
- › Motorized circuit Breaker from 200 kVA PRP inclusive.
- › With innovative control units.

Control Module

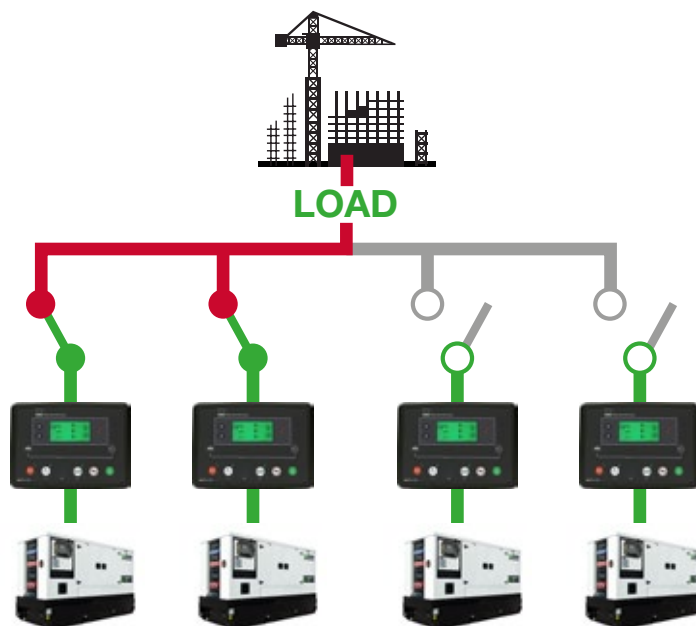
FOR RENTAL GENSETS IN PARALLEL



DSE 8610 MKII

Synchronising & Load Sharing Control Module

The DSE8610 MKII is an intelligent control module for synchronising gensets in island mode with full load sharing control for **up to 32 gensets** within the same system.



Optimal use for:

- › APPLICATIONS WITH GREATLY VARYING LOADS
- › ENSURING POWER SUPPLY AT EVENTS
- › FUEL SAVING
- › INCREASED SERVICE SPAN OF THE GENSETS.

REMOTE CONTROL, MONITORING, AND TRACKING

INMESOL gensets may have GSM/GPS devices installed for real time remote control, monitoring, and tracking



**ANYTIME,
ANYWHERE IN THE
WORLD**

ON YOUR STATIC OR MOBILE DEVICE:

- ✓ Generator set status
- ✓ Real time **location** and motion alerts
- ✓ Alarms and monitoring
- ✓ Fuel level and consumption

DSE 890 is the optional device that makes it possible to store in the cloud the information of the genset collected by the central control unit, and access it through the DSEWebNet platform from a mobile phone, tablet, or computer.

POWER GENERATORS **INMESOL**

Our products:

3P Portable Range

IN Industrial Range

SB Stand-by Range

HR Heavy Range

LT Lighting Towers

RR Rental Range



MORE INFORMATION: www.inmesol.com



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*Inmesol is present in over
80 countries worldwide*



Inmesol, S.L. company with ISO 9001 quality management system certificate for the: "Design, manufacture, marketing and technical assistance of power generators, lighting towers, welding generators, tractor with PTO generator and hybrid generation systems".