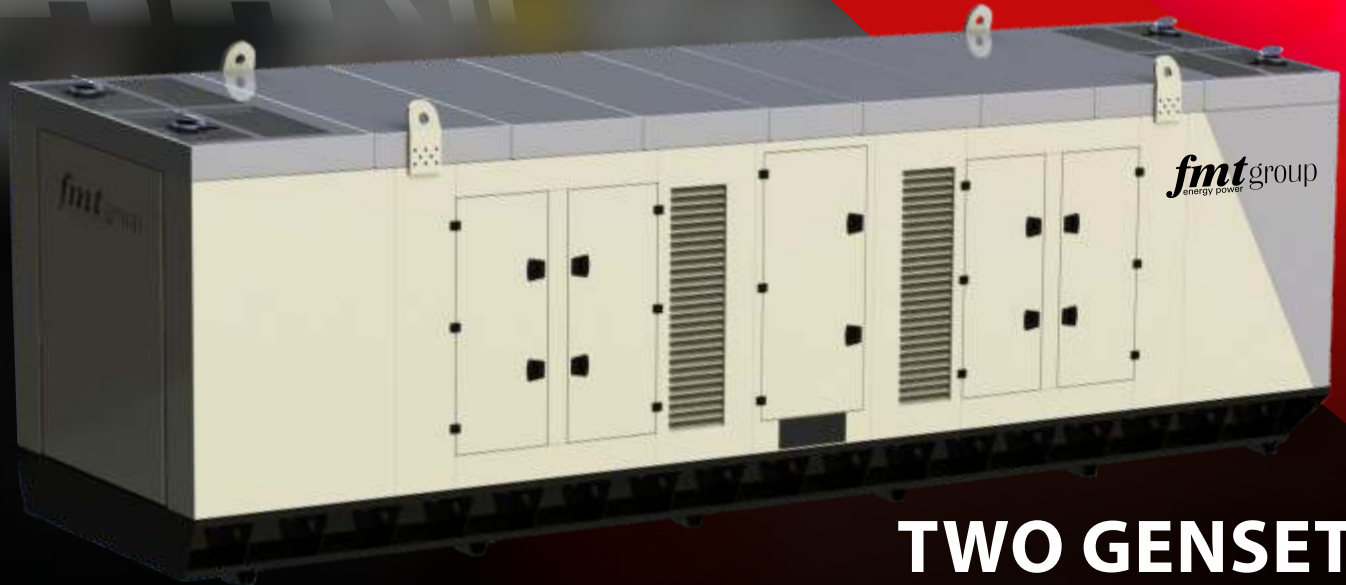


fmt group
energy power

TWIN-ON 
TECHNOLOGY



save up to
30% cost



TWO GENSET
a single digital intelligence



ENERGY POWER

ENERGY POWER

Located in the industrial area of Albania, with a surface of 10,000m², FMT Group has the capacity of increasing production day by day. Our products and services operate not only in Balkan countries but also in the global market. Following the motto "WE HAVE THE POWER", with more than 20 years of experience in the generator market, is the reason why FMT Group produce high-quality generators. Having equipped with the latest technology, FMT Group meets customers specific requests for large volumes with fast delivery time. We have the capacity to produce diesel generator sets from 1-5000 kVA, soundproof canopies, mono-phase and three phase and synchronizing systems.



We possess a production line for the generator with the best brands, accompanied by OEM Letters (from Perkins / Scania / FPT Iveco / Hyundai Doosan / Potenza / Weg / Mecc Alte etc...) and a highly qualified staff who is occupied with the whole process of designing, manufacturing and exporting the generators all around according to international quality standards.

- ⚡ **DIESEL GENSET**
- ⚡ **GAS GENSET**
- ⚡ **TWIN-ON GENSET**
- ⚡ **QUATTRO GENSET**
- ⚡ **SYNCHRONIZED GENSET**

 up to 1000kW

FMT GROUP is one of the leading Genset manufacturers in Albania.

FMT Group is known as a professional European diesel generator, with more than 20 years of experience in the power electronics business. Our head office & production line are located in Tirana, the capital city of the Republic of Albania.

We were born to light up the world !

WE POSSESS THE MOST POPULAR ENGINE AND ALTERNATOR BRANDS

To guarantee high quality products and customer satisfaction, we have partnered with international and successful brand-named companies such as:



Standby power KVA

DIESEL ENGINE



FMT ENGINE



PERKINS



HYUNDAI DOOSAN



IVECO FPT



SCANIA









1-5000 ENERGY POWER

All our generator sets are from top quality worldwide manufacturers and each genset is designed, engineered, assembled and tested for optimal performance.

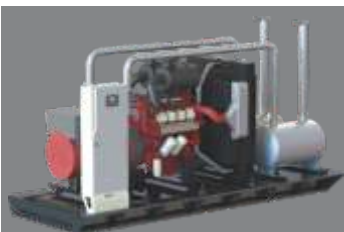
Our Gensets are powered by a wide range of brands, and we also offer customized products for special applications based on your preferred brands and the power solutions that suits your needs.



-  Low fuel consumption
-  Water cooled
-  Easy lift
-  Soundproof
-  High efficiency
-  Low noise

QUALITY GUARANTEE PERFORMANCE

APPLICATIONS



OPEN SETS

- Chassis with welded and bolted
- Parts with high quality materials



SOUNDPROOF CANOPY SETS

- Welded and bolted parts with high quality materials
- Designed following international standards



GENSET MOBILE

We design and manufacture our genset trailers for regular, mobile and field needs based on customers Specifications



EXTERNAL FUEL TANK

Designed to efficiently extend the run time of the generator, starting from 1000 liters

TWO GENSETS, ONE BRAIN

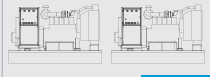





Synonymous with versatility and safety, TWIN-ON GENSET encloses two separate power generators within a single soundproof enclosure that enables the 2 genset to act as one generator on the same chassis.

Either two generators can be used simultaneously for increased power production or individually. This enables an easy service and maintenance. In case of a failure with one of the two engines, the load will be carried by permanently available engine.

Your TWIN-ON GENSET can be produced on request with completely customized powers and accessories, and it can be programmed according to the specific needs of each customer.

Twin electronic control unit enables engines to communicate with each other and run the system in an efficient way.

TWIN-ON >>>

 <p>2 GENERATORS, 1 BOX</p>	<p>CENTRALIZED CONTROL & MONITORING</p> 
<p>UP TO 10% LESS FUEL AND CO₂ EMISSIONS</p> 	<p>>70% STEP LOAD ACCEPTANCE</p> 
<p>RUN AT 50% DURING SERVICE</p> 	<p>100% PRP AT 50°C</p> 

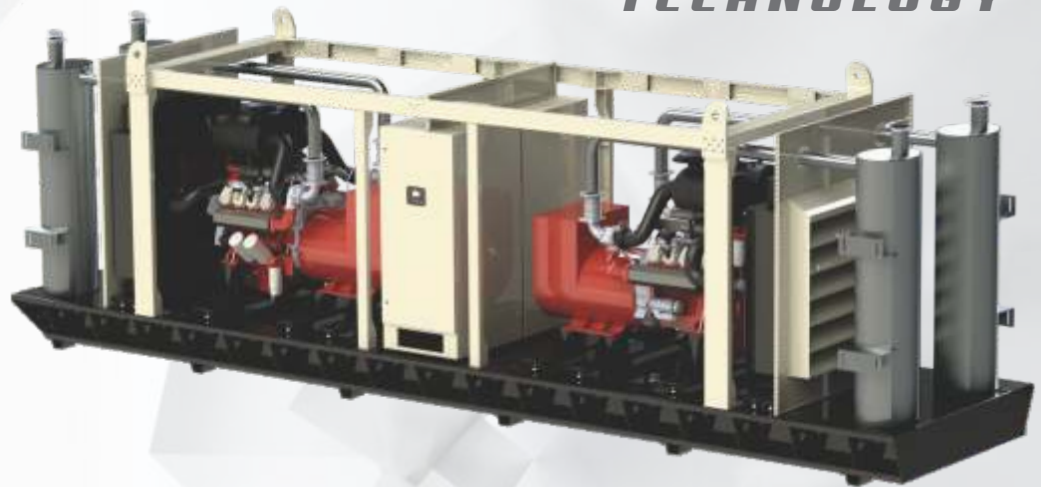


TWIN-ON >>> TECHNOLOGY

Two generators, a single digital intelligence.

TWIN-ON GENSET is the best solution for events, hospitals, or in any other delicate application that needs redundancy and greater fault tolerance, without any lack of power.

TWIN-ON 
TECHNOLOGY



COST EFFECTIVE SOLUTION

**BEST PERFORMANCES
LESS FUEL CONSUMPTION
EASY REPAIR / MAINTENANCE**

Initial investment costs will be much lower with Twin Engine Power solutions. FMT TWIN-ON Technology allows you to save up to 30% savings on total cost of ownership. Furthermore, alternating the use of FMT TWIN-ON Technology will reduce the operational costs and periodic maintenance costs since spare parts for smaller engines are cheaper and easy accessible. Using twin engines will let you to save up to 30% cost, only from engine oil usage at each maintenance.

FMT TWIN-ON TECHNOLOGY will let you to support a lower load using only one of the two engines. Therefore, you will be avoiding having to use a single machine of larger power and damage its engine. One of the most important advantage is; in case of a failure occur that stops one of the two engines, it will always be possible to count on the second generator. It means, generator will keep providing the 50% of the power even in the event of technical problem. In addition, either one engine can be serviced while the second engine remains running.

TWIN-ON GENSET will be the best solution for RENTAL BUSINESS, SHIFT WORKING INDUSTRIES, POWER PLANTS WITH VARIABLE POWER NEEDS, 24 HOURS RUNNING BUSINESS and all other industries.





Low fuel consumption



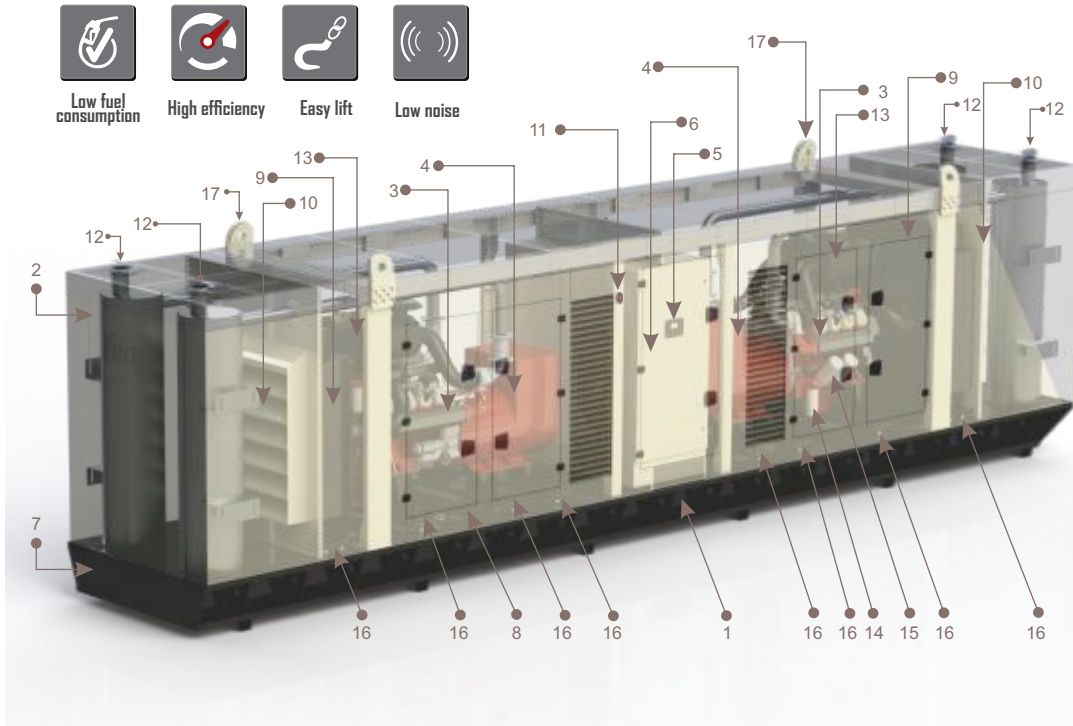
High efficiency



Easy lift



Low noise



1	Base Frame
2	Canopy
3	Engine
4	Alternator
5	Control Panel
6	Connection Box
7	Fuel Tank
8	Battery
9	Radiator
10	Grilles
11	Emergency stop button
12	Exhaust Outlet
13	Air Filter
14	Fuel Filter
15	Oil Filter
16	Vibration Isolators
17	Lifting Lug
18	Earthing Point

**Image for guidance purposes*

FEATURES

- Galvanized steel that provides extra strength, durability and protection
- Tightly structure, excellent design
- Easy access to serviceable parts
- Double swinging doors for ease of service
- Doors have high quality gaskets to avoid leakage of sound
- LCD display shows system status and setup information
- Adequate ventilation to meet air requirement for combustion and heat removal

GENSET STANDARD SPECIFICATION

- Diesel engine
- Water cooled
- Radiator with mechanical fan
- ATS automatic transfer switch 4P
- Protective grille for rotating and hot parts
- Electric starter and charge alternator
- Engine coolant heater
- Base frame with integrated fuel tank
- Engine oil filled
- Output circuit breaker 4P
- Anti-vibration shock absorbers
- Flexible fuel connection hoses
- Single bearing, class H alternator
- Industrial exhaust silencer and steel bellows supplied separately
- Static battery charger
- Starting battery (with lead acid) including rack and cables
- Battery isolator
- Manual for application and installation
- Jacket water heater
- Digital fuel level sensor

SAFETY FEATURES

high water temperature

low lube oil pressure

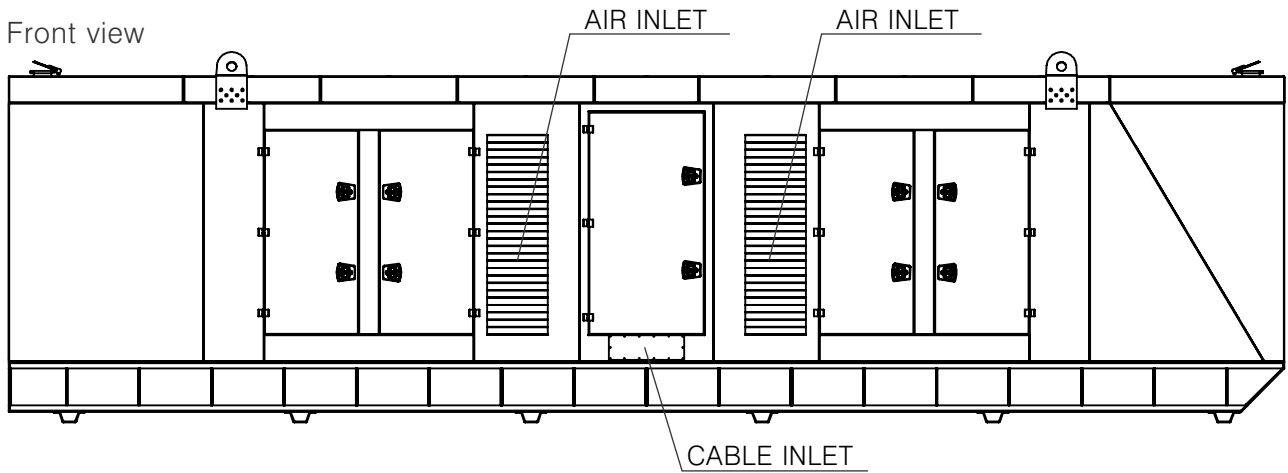
protective earth point

emergency stop push-button

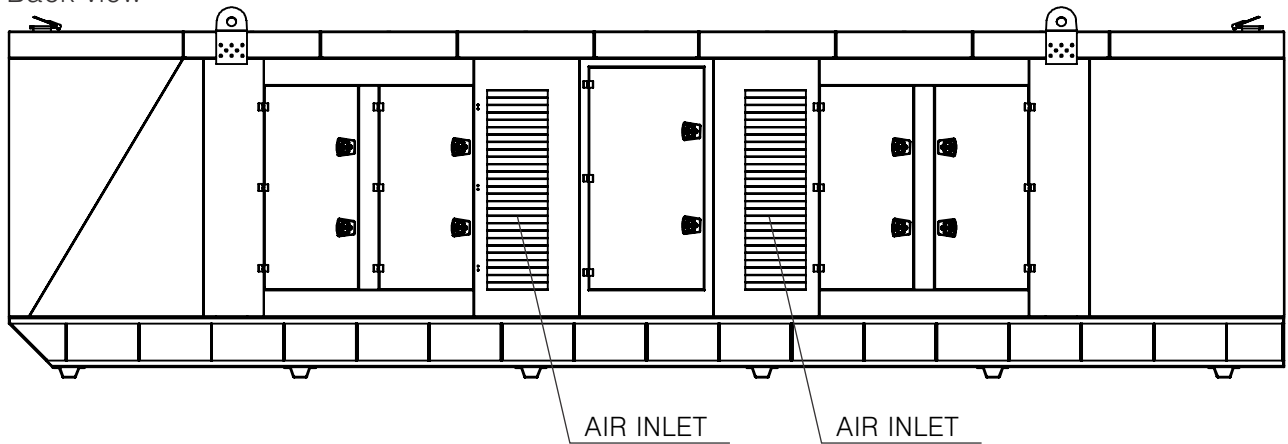


canopy technical drawing

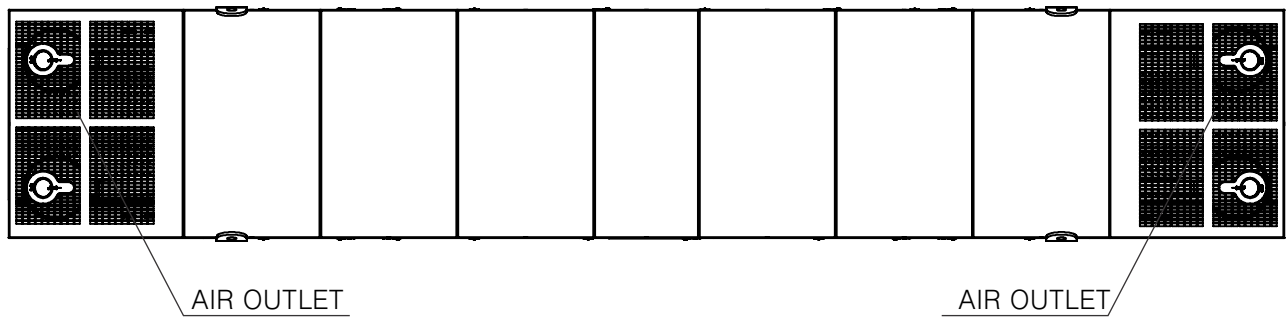
Front view



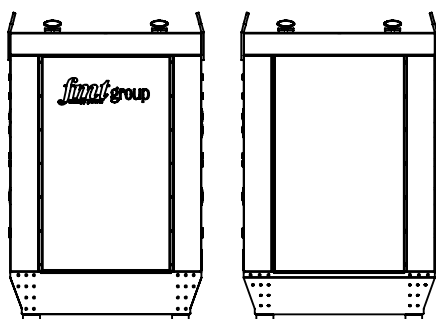
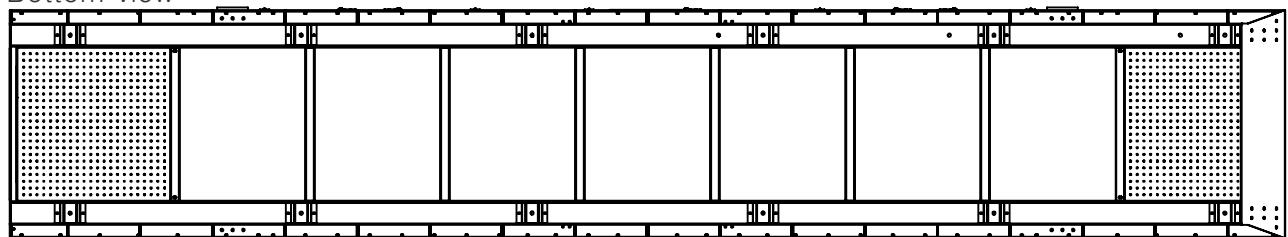
Back view



Top view



Bottom view



Side view

Dimension: TBA

MIGHTY-P SERIES

900 - 1650 kVA

SCANIA POWER RANGE



GENSET MODEL	SCANIA ENGINE MODEL	POTENZA ALTERNATOR MODEL	MODEL CONFIGURATION*	50Hz/400V		DIMENSIONS (mm)		FUEL TANK (lt)
				kVA ESP	kVA PRP	CANOPY	CAPACITY	
						W x L x H	LT	
FSC900PTO	DC13 072A 02-12 TWIN	PO450 TWIN	3P5-V400-DEIF150	900	818	TBA	TBA	
FSC1000PTO	DC13 072A 02-13 TWIN	PO500 TWIN	3P5-V400-DEIF150	1000	909	TBA	TBA	
FSC1100PTO	DC13 072A 02-14 TWIN	PO550 TWIN	3P5-V400-DEIF150	1100	1000	TBA	TBA	
FSC1250PTO	DC16 093A 02-52 TWIN	PO625 TWIN	3P5-V400-DEIF150	1250	1136	TBA	TBA	
FSC1320PTO	DC16 093A 02-53 TWIN	PO660 TWIN	3P5-V400-DEIF150	1320	1200	TBA	TBA	
FSC1430PTO	DC16 093A 02-54 TWIN	PO750 TWIN	3P5-V400-DEIF150	1430	1300	TBA	TBA	
FSC1500PTO	DC16 078A 02-43 TWIN	PO750 TWIN	3P5-V400-DEIF150	1500	1364	TBA	TBA	
FSC1650PTO	DC16 078A 02-44 TWIN	PO825 TWIN	3P5-V400-DEIF150	1650	1500	TBA	TBA	

MAJESTIC-P SERIES

1100 - 2000 kVA

HYUNDAI POWER RANGE



GENSET MODEL	HYUNDAI DOOSAN ENGINE MODEL	POTENZA ALTERNATOR MODEL	MODEL CONFIGURATION*	50Hz/400V		DIMENSIONS (mm)		FUEL TANK (lt)
				kVA ESP	kVA PRP	CANOPY	CAPACITY	
						W x L x H	LT	
FDD1100PTO	DP158LD TWIN	PO550 TWIN	3P5-V400-DEIF150	1100	1000	TBA	TBA	
FDD1250PTO	DP180LA TWIN	PO625 TWIN	3P5-V400-DEIF150	1250	1136	TBA	TBA	
FDD1420PTO	DP180LB TWIN	PO750 TWIN	3P5-V400-DEIF150	1420	1291	TBA	TBA	
FDD1500PTO	DP222LB TWIN	PO750 TWIN	3P5-V400-DEIF150	1500	1364	TBA	TBA	
FDD1650PTO	DP222LC TWIN	PO825 TWIN	3P5-V400-DEIF150	1650	1500	TBA	TBA	
FDD1800PTO	DP222CB TWIN	PO900 TWIN	3P5-V400-DEIF150	1800	1636	TBA	TBA	
FDD2000PTO	DP222CC TWIN	PO1000 TWIN	3P5-V400-DEIF150	2000	1818	TBA	TBA	

STURDY-P SERIES

900 - 1375 kVA

IVECO FPT POWER RANGE



GENSET MODEL	IVECO FPT ENGINE MODEL	POTENZA ALTERNATOR MODEL	MODEL CONFIGURATION*	50Hz/400V		DIMENSIONS (mm)		FUEL TANK (lt)
				kVA ESP	kVA PRP	CANOPY	CAPACITY	
						W x L x H	LT	
FI900PTO	C13TE3A TWIN	PO450 TWIN	3P5-V400-DEIF150	900	818	TBA	TBA	
FI1000PTO	C13TE6W TWIN	PO500 TWIN	3P5-V400-DEIF150	1000	909	TBA	TBA	
FI1100PTO	C13TE7W TWIN	PO550 TWIN	3P5-V400-DEIF150	1100	1000	TBA	TBA	
FI1250PTO	C16TE1W TWIN	PO625 TWIN	3P5-V400-DEIF150	1250	1136	TBA	TBA	
FI1375PTO	C16TE1W TWIN	PO660 TWIN	3P5-V400-DEIF150	1375	1250	TBA	TBA	

REGENERATE-P SERIES
900 - 5000 kVA

FMT ENGINE POWER RANGE



GENSET MODEL	FMT REGENERATE ENGINE MODEL		POTENZA ALTERNATOR MODEL		MODEL CONFIGURATION*		50Hz/400V		DIMENSIONS (mm)		FUEL TANK (lt)
							kVA ESP	kVA PRP	CANOPY		CAPACITY
									W x L x H		LT
FF900PTO	R3-6L12L	TWIN	PO450	TWIN	3P5-V400-DIEF150	900	818	TBA	TBA		
FF1000PTO	R-6L13L	TWIN	PO500	TWIN	3P5-V400-DIEF150	1000	909	TBA	TBA		
FF1100PTO	R-6L13LA	TWIN	PO550	TWIN	3P5-V400-DIEF150	1100	1000	TBA	TBA		
FF1300PTO	R9-12V22L	TWIN	PO660	TWIN	3P5-V400-DIEF150	1300	1182	TBA	TBA		
FF1400PTO	RYG-6L20	TWIN	PO750	TWIN	3P5-V400-DIEF150	1400	1273	TBA	TBA		
FF1500PTO	RYH-6L20	TWIN	PO750	TWIN	3P5-V400-DIEF150	1500	1364	TBA	TBA		
FF1650PTO	RX-12V22L	TWIN	PO825	TWIN	3P5-V400-DIEF150	1650	1500	TBA	TBA		
FF1800PTO	RYK-6L30	TWIN	PO900	TWIN	3P5-V400-DIEF150	1800	1636	TBA	TBA		
FF2000PTO	RYK-6L30	TWIN	PO1000	TWIN	3P5-V400-DIEF150	2000	1818	TBA	TBA		
FF2200PTO	RYK-6L30	TWIN	PO1100	TWIN	3P5-V400-DIEF150	2200	2000	TBA	TBA		
FF2500PTO	R-16V30L	TWIN	PO1250	TWIN	3P5-V400-DIEF150	2500	2273	TBA	TBA		
FF2800PTO	RYM-12V40L	TWIN	PO1400	TWIN	3P5-V400-DIEF150	2800	2545	TBA	TBA		
FF3300PTO	RYO-12V40L	TWIN	PO1650	TWIN	3P5-V400-DIEF150	3300	3000	TBA	TBA		

On Request 3500-5000 kVA

UNBREAKABLE-P SERIES
1000 - 2500 kVA

PERKINS POWER RANGE



GENSET MODEL	SCANIA ENGINE MODEL		POTENZA ALTERNATOR MODEL		MODEL CONFIGURATION*		50Hz/400V		DIMENSIONS (mm)		FUEL TANK (lt)
							kVA ESP	kVA PRP	CANOPY		CAPACITY
									W x L x H		LT
FPE1000PTO	2506A-E15TAG1	TWIN	PO500	TWIN	3P5-V400-DEIF150	1000	909	TBA	TBA		
FPE1100PTO	2506A-E15TAG2	TWIN	PO550	TWIN	3P5-V400-DEIF150	1100	1000	TBA	TBA		
FPE1250PTO	2806A-E18TAG1A	TWIN	PO625	TWIN	3P5-V400-DEIF150	1220	1109	TBA	TBA		
FPE1375PTO	2806A-E18TAG1A	TWIN	PO750	TWIN	3P5-V400-DEIF150	1375	1250	TBA	TBA		
FPE1500PTO	2806A-E18TTAG4	TWIN	PO750	TWIN	3P5-V400-DEIF150	1500	1364	TBA	TBA		
FPE1700PTO	2806A-E18TTAG5	TWIN	PO900	TWIN	3P5-V400-DEIF150	1700	1545	TBA	TBA		
FPE1850PTO	4006-23TAG3A	TWIN	PO1000	TWIN	3P5-V400-DEIF150	1800	1636	TBA	TBA		
FPE2000PTO	4008TAG1A	TWIN	PO1000	TWIN	3P5-V400-DEIF150	2000	1818	TBA	TBA		
FPE2200PTO	4008TAG2A	TWIN	PO1100	TWIN	3P5-V400-DEIF150	2200	2000	TBA	TBA		
FPE2500PTO	4008-30TAG3	TWIN	PO1250	TWIN	3P5-V400-DEIF150	2500	2273	TBA	TBA		

TBA - to be ask

ALTERNATOR AVAILABLE:



* OPTIONAL CONTROL PANEL



SYNCHRONIZE SYSTEM

SYNCHRONIZE CONTROL UNIT

control panel 

SMART LOGIC / FULL PROTECTION

STANDARD

The AGC 150 Hybrid is a variant of the well-known and easy-to-use controller, AGC 150. The AGC 150 Hybrid comes with all the necessary functions for protection and control of a hybrid installation with PV and genset. It can be used as a single unit for PV and up to 2 gensets for synchronising projects, in island or parallel to the mains modes. The AGC 150 Hybrid handles the power production from PV and genset to give the highest PV penetration and the lowest CO₂ emission, and to ensure safe power production to support the load. The AGC 150 Hybrid can be used as: •Hybrid controller mounted directly on the genset with full control of PV, genset and mains •PV integration controller with power measurement and breaker feedback from existing controller. The AGC 150 contains all necessary 3-phase measuring circuits. All values and alarms are presented on the sun proof LCD display.



DEIF150

General description

The AGC 150 Hybrid is a variant of the well-known and easy-to-use controller, AGC 150. All technical information on this variant is found in the AGC 150 documentation on deif.com.

The AGC 150 Hybrid comes with all the necessary functions for protection and control of a hybrid installation with PV and genset. It can be used as a single unit for PV and up to 2 gensets for synchronising projects, in island or parallel to the mains modes.

The AGC 150 Hybrid handles the power production from PV and genset to give the highest PV penetration and the lowest CO₂ emission, and to ensure safe power production to support the load.

The AGC 150 Hybrid can be used as:

- Hybrid controller mounted directly on the genset with full control of PV, genset and mains
- PV integration controller with power measurement and breaker feedback from existing controller.

The AGC 150 contains all necessary 3-phase measuring circuits. All values and alarms are presented on the sun proof LCD display.

Main hybrid features

Minimum genset load

- Eliminate the risk of reverse power caused by low load

Perfect for Rooftop installations

- Rebuild your genset with AGC 150 benefits and get PV for free

Load calculation in terms of solar power

Automatic genset start/stop

- Based on threshold set points for PV production and mains import/export

PV included in modes

- MPE (Mains power export/import), AMF (Automatic mains failure), LTO (Load take-over), Fixed power, and Peak shaving

PV inverter communication support

- Support of more PV inverter communication protocols, including Sunspec

Mains voltage and current measurement

- One CT/Phase for balanced load

PV Power emulation

- Try and test the Hybrid functions without a PV plant

Other PV features:

- Energy Counters, Curtailment
- Inverter monitoring
- POA and BOM for calculating P max
- Weather data presentation

OPTIONAL



IntelliGen4 200

DOWNLOAD datasheet



DSE8610

DOWNLOAD datasheet





fmt group
energy power

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e-mail: info@fmtgroup.al

Subsidiary:



KOSOVO



TURKEY



MONTENEGRO



SCAN OUR LOCATION

