



SERIES: **GALAXY GX** VERSION: **SOUNDPROOF** RANGE: **20-750** kVA



**GV20**



**GV30**



**GV60**



**GV100**















**GV150**



**GV200**

The GX version GALAXY generating set range offers a large choice of engines with powers ranging from 20 to 750 kVA at 50 or 60Hz. The main features of the GX range are: GV-type baseframe that acts as a watertight basin for any leaking liquid from the genset (a feature which is essential for today's strictest standards); modular canopies that represent a concentrate of high technology in terms of compact and accessible design, incorporating all the parts that comprise the genset in a sleek and harmonious line; very elevated modularity allowing for customisation through the most diverse solutions, which is very important in the rationalisation of the connected systems. As with all Onis Visa products, all the unit's parts are subject to a strict operating test involving over 30 checks prior to delivery

ENGINE	ALTERNATOR	CONTROL UNIT
Industrial engine, complete with cooling system, injection system with automatic speed regulator, electrical ignition system and battery charger	Industrial, brushless alternator with electronic voltage control system	The Control Panel range allows you to monitor and control your generating set with ease, whilst ensuring your unit operates within safe parameters and provides important diagnostic information when needed.
     	  	 <div><b>STANDARD CONTROL PANEL</b> <b>GUARD R3VOLUTION</b> OTHER BRANDS AVAILABLE ComAp DSE</div>

STANDARD EQUIPMENT	OPTIONAL EQUIPMENT
<ul style="list-style-type: none"><li>- Modular baseframe</li><li>- Fuel tank with electronic level sensor</li><li>- Anti-vibration mounting</li><li>- Engine oil extraction pump</li><li>- Fuel decanter filter</li><li>- Highly-insulating pad on the internal exhaust pipe</li><li>- Exhaust silencer installed inside the canopy</li><li>- Exhaust line expander - Rain cap - thermosetting powder coated paint</li><li>- Battery cut-off switch</li><li>- Diesel leak retention basin -</li><li>- Key-lock</li><li>- Lifting hooks</li><li>- Automobile-type door gaskets with steel core (not adhesive)</li></ul>	<ul style="list-style-type: none"><li>- Central lifting points (standard on GV150 and GV200 baseframes, not available with oversize tanks)</li><li>- Set-up for quick release fittings (auxiliary, external tank connection)</li><li>- Racor or similar fuel pre-filters</li><li>- Canopy colour can be requested if different from RAL yellow 1007 or RAL white 9010</li><li>- External sockets</li><li>- Oversize tank</li><li>- AMF automatic panel and auto start</li><li>- ATS panel</li><li>- Radiator liquid level sensor</li><li>- 220V electric pre-heater</li><li>- Electronic speed regulator (if not provided as standard)</li></ul>



SERIES: **GALAXY GX** VERSION: **SOUNDPROOF** RANGE: **20-750** kVA

ENGINE:		Perkins		ALTERNATOR:		STAMFORD		FROM 30 TO 670 kVA							
MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m
P 30 GX	30	33	1103A-33G	M	PI144G	GV030	GV030	1040	2260	1820	1170	160	500-800	5,4	60
P 41 GX	40	45	1103A-33TG1	M	PI144J	GV030	GV030	1040	2260	1820	1240	160	500-800	8,2	61
P 65 GX	60	63	1103A-33TG2	M	UCI224E	GV030	GV030	1040	2260	1820	1300	160	500-800	10,4	60
P 80 GX	80	88	1104A-44TG2	M	UCI224G	GV030	GV030	1040	2260	1820	1500	160	500-800	14	65
P 105 GX	100	110	1104C-44TAG2	E	UCI274C	GV060	GV060	1040	2560	1805	1650	160	500-800	17,1	65
P 135 GX	135	150	1106A-70TG1	M	UCI274E	GV100	GV100	1140	3060	2230	2080	360	500-800	22,7	70
P 151 GX	150	165	1106A-70TAG2	M	UCI274F	GV100	GV100	1140	3060	2230	2320	360	500-800	24,7	70
P 181 GX	180	194	1106A-70TAG3	M	UCI274G	GV100	GV100	1140	3060	2230	2380	360	500-800	32	72
P 200 GX	200	220	1106A-70TAG4	E	UCI274H	GV100	GV100	1140	3060	2230	2450	360	500-800	34,7	72
P 251 GX	250	275	1506A-E88TAG3	E	UCDI274K	GV100	GV100	1140	3230	2250	2860	360	500-800	41,6	78
P 301 GX	300	330	1506A-E88TAG5	E	HCI4D	GV150	GV150	1300	4000	2400	3670	400	500-800	48,2	72
P 350 GX	350	400	2206C-E13TAG2	E	HCI4E	GV150	GV150	1300	4000	2564	4350	400	500-800	58	72
P 400 GX	400	450	2206C-E13TAG3	E	HCI4F	GV150	GV150	1300	4000	2564	4540	400	500-800	65	73
P 450 GX	455	500	2506C-E15TAG1	E	HCI5C	GV200	GV200	1840	4500	2540	5710	950	2500	73	72
P 500 GX	500	520	2506C-E15TAG2	E	HCI5C	GV200	GV200	1840	4500	2540	5750	950	2500	81	73
P 600 GX	600	660	2806A-E18TAG1A	E	HCI5E	GV200	GV200	1840	4500	2540	6130	950	2500	96	74
P 650 GX	670	720	2806A-E18TAG2	E	HCI5F	GV200	GV200	1840	4500	2540	6250	950	2500	97	74












ENGINE:		Perkins		ALTERNATOR:		MarelliMotori		450 kVA							
MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m
P 450 GX	450	495	2506C-E15TAG1	E	MJB315MB4	GV200	GV200	1840	4500	2540	5650	950	2500	73	72












ENGINE:		Perkins		ALTERNATOR:		mecc alte		600 kVA							
MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m
P 600 GX	600	660	2806C-E18TAG1A	E	ECO40-1.5L4B	GV200	GV200	1840	4500	2540	5970	950	2500	96	74





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
ENGINE:					ALTERNATOR:											FROM 60 TO 600 kVA			
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MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m				
F 30 GX	30	33	F32AM1A	M	PI144G	GV030	GV030	1040	2260	1820	1060	160	800	6,2	62				
F 80 GX	83	90,8	N45SM3	M	UCI224G	GV030	GV030	1040	2430	1820	1410	160	800	14,4	67				
F 100 GX	100	110	N45TM2A	M	UCI274C	GV060	GV060	1040	2560	1805	1600	160	800	15,3	65				
F 120 GX	120	130	N45TM3	M	UCI274D	GV100	GV100	1140	3060	2230	1890	360	800	20,4	67				
F 170 GX	160	175	N67TM4	M	UCI274F	GV100	GV100	1140	3060	2230	2050	360	800	27,5	70				
F 201 GX	200	220	N67TM7	M	UCI274H	GV100	GV100	1140	3060	2230	2250	360	800	35,1	70				
F 301 GX	300	330	C87TE4	E	HCI4D	GV100	GV100	1300	4000	2400	3820	400	800	54,3	70				
F 350 GX	350	385	C13TE2A	E	HCI4E	GV150	GV150	1300	4000	2400	4220	400	800	53,7	72				
F 400 GX	400	440	C13TE3A	E	HCI4F	GV150	GV150	1300	4000	2400	4350	400	800	68	72				
F 500 GX	500	520	C13TE7	E	HCI5C	GV200	GV200	1840	4500	2540	5100	950	800	75,4	73				
F 600 GX	600	660	CR16TE1W	E	HCI5E	GV200	GV200	1840	4500	2540	5400	950	2500	80,3	-				












ENGINE:					ALTERNATOR:						600 kVA				
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MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m
F 600 GX	600	660	CR16TE1W	E	ECO40-1.5L4 B	GV200	GV200	1840	4500	2540	5320	950	2500	80,3	74







































SERIES: **GALAXY GX**    VERSION: **SOUNDPROOF**    RANGE: **20-750** kVA

ENGINE:		VOLVO PENTA		ALTERNATOR:		STAMFORD		FROM 250 TO 630 kVA											
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MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m				
V 250 GX	250	275	TAD734GE	E	UCDI274K	GV100	GV100	1140	3230	2230	2570	360	500-800	44,3	73				
V 315 GX	300	330	TAD1341GE	E	HCi4D	GV150	GV150	1295	4000	2420	4070	400	500-800	47,2	70				
V 350 GX	350	387	TAD1342GE	E	HCi4E	GV150	GV150	1295	4000	2420	4290	400	500-800	52,2	70				
V 380 GX	378	414	TAD1343GE	E	HCi4F	GV150	GV150	1300	4000	2414	4430	400	500-800	56	70				
V 415 GX	400	450	TAD1344GE	E	HCi4F	GV150	GV150	1300	4000	2414	4500	400	500-800	62,3	70				
V 450 GX	451	501	TAD1345GE	E	HCi5C	GV150	GV150	1300	4000	2414	4600	400	500-800	68,2	70				
V 505 GX	500	520	TAD1641GE	E	HCi5C	GV200	GV200	1840	4500	2540	5200	950	2500	75	74				
V 590 GX	591	651	TAD1642GE	E	HCi5E	GV200	GV200	1840	4500	2540	5500	950	2500	90,1	74				
V 630 GX	630	700	TWD1643GE	E	HCi5F	GV200	GV200	1840	4500	2540	6450	950	2500	94,3	74				
V 650 GX	650	700	TWD1644GE	E	HCi5F	GV200	GV200	1840	4700	2540	-	950	2500	98,4	75				
V 700 GX	700	700	TWD1645GE	E	HCi6G	GV200	GV200	1840	4700	2540	-	950	2500	106,5	75				

ENGINE:					ALTERNATOR:					FROM 20 TO 250 kVA									
																			
MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m				
D 21 GX	20	24	F3M2011	M	PI144D	GV020	GV020	910	2000	1600	960	120	-	4	60				
D 30 GX	30	33	F4M2011	M	PI144G	GV020	GV020	910	2000	1600	1000	120	-	5,5	60				
D 41 GX	40	44	BF4M2011	M	PI144J	GV020	GV020	910	2000	1600	1160	120	-	7,4	60				
D 62 GX	60	62	BF4M2011C	M	UCI224E	GV030	GV030	1040	2260	1790	1260	160	500-800	10,4	61				
D 100 GX	100	110	BF4M1013EC	M	UCI274C	GV060	GV060	1040	2560	1805	1540	160	500-800	18,3	70				
D 131 GX	130	137	BF4M1013FC	E	UCI274E	GV100	GV100	1140	3060	2230	1920	360	500-800	21,7	70				
D 150 GX	160	172	BF6M1013EC	M	UCI274F	GV100	GV100	1140	3060	2230	2150	360	500-800	28,9	70				
D 185 GX	180	189	BF6M1013FCG2	E	UCI274G	GV100	GV100	1140	3230	2230	2430	360	500-800	34,2	70				
D 210 GX	200	220	BF6M1013FCG3	E	UCI274H	GV100	GV100	1140	3230	2230	2460	360	500-800	37,7	70				
D 250 GX	250	275	TCD2013L064V	E	UCDI274K	GV100	GV100	1140	3230	2230	2730	360	500-800	39,9	73				

ENGINE:				ALTERNATOR:				FROM 30 TO 180 kVA											
																			
MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m				
JD 30 GX	30	33	3029DFU29	M	PI144G	GV020	GV020	910	2030	1600	980	120	-	5,2	67				
JD 45 GX	40	45	3029TFU29	M	PI144J	GV030	GV030	1040	2260	1820	1210	160	-	10,6	62				
JD 65 GX	60	63	4045TF158	M	UCI224E	GV030	GV030	1040	2260	1820	1510	160	-	10,8	67				
JD 80 GX	80	88	4045TF258	M	UCI224G	GV060	GV060	1040	2560	1805	1560	160	800	14	65				
JD 100 GX	100	110	4045HF158	M	UCI274C	GV060	GV060	1040	2560	1805	1630	160	800	16,5	67				
JD 120 GX	120	130	6068TF258	M	UCI274D	GV100	GV100	1140	3060	2230	2000	360	800	20,5	67				
JD 151 GX	160	175	6068HF258	M	UCI274F	GV100	GV100	1140	3060	2230	2140	360	800	31,3	72				
JD 180 GX	180	194	6068HF258	M	UCI274G	GV100	GV100	1140	3060	2230	2200	360	800	31,3	72,3				

ENGINE:				ALTERNATOR:				FROM 300 TO 750 kVA									
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MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m		
DS 300 GX	300	330	P126TI-II	E	HCI4D	GV150	GV150	1300	4000	2400	4010	400	800	47	71		
DS 455 GX	460	510	DP158LCF	E	HCI5C	GV200	GV200	1840	4500	2540	5200	950	2500	72,9	75		
DS 505 GX	500	520	DP158LDF	E	HCI5C	GV200	GV200	1840	4500	2540	5200	950	2500	83,4	75		
DS 635 GX	640	708	DP180LBF	E	HCI5F	GV200	GV200	1840	4500	2540	6300	950	2500	103,8	75		
DS 685 GX	670	738	DP222LBF	E	HCI5F	GV200	GV200	1840	4500	2540	6600	950	2500	109,2	77		
DS 745 GX	750	830	DP222LCF	E	HCI6G	GV200	GV200	1840	4700	2540	6700	950	2500	119,1	77		

ENGINE:				ALTERNATOR:				FROM 450 TO 750 kVA											
○○○																			
MODEL	P.R.P. kVA	L.T.P. kVA	ENGINE	REG.	ALTERNATOR	BASEFRAME	CANOPY	W mm	L mm	H mm	WEIGHT Kg	TANK SIZE l.	OVERSIZED TANK SIZE l.	CONS. 75% l/h	dBA at 7m				
DS 455 GX	450	495	DP158LC	E	MJB315MB4	GV200	GV200	1840	4500	2540	4900	950	2500	72,9	75				
DS 745 GX	750	830	DP222LCF	E	MJB355MB4	GV200	GV200	1840	4700	2540	6790	950	2500	119,1	77				



# STANDARD CONTROL PANELS

## STANDARD CONTROL PANEL

### GUARD R3VOLUTION

by ComAp



### ONIS VISA® GUARD REVOLUTION

The experience we gained in the development and design of Guard Evolution control panel has allowed us to deeply understand the specific market needs: efficiency and versatility to optimize time and operating.

That process led us to start the cooperation with Comap, in order to develop an even more efficient device that can be applied in whole our range, a synergy of expertise to create a NEW and modern solution in generating sets applications: Guard Revolution. Based on Comap Intelli NTC hardware platform and on a dedicated firmware with new features specifically designed for the Onis Visa generating sets.

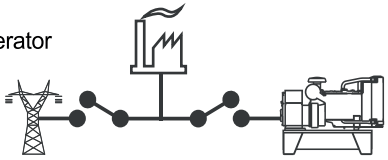
### KEY FEATURES

#### SINGLE MODULE (AMF + MRS)

Changing from AMF to MRS by changing the setpoint "OPERATION MODE" (on the same unit):

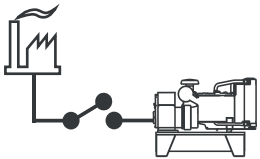
##### AMF

Mains & Generator  
Circuit  
Breaker



##### MRS

Generator Circuit  
Breaker



- Easy to install, configure and use
- Wide range of communication capabilities including:
  - connection via RS232, RS485, CAN and on board USB
  - internet access using Ethernet, GPRS or 4G
  - support for Modbus or SNMP protocols
- Internal PLC support with PLC editor and monitor included in LiteEdit
- Cloud-based monitoring and control via **Onis Visa WebSupervisor**
- Active SMS and emails in different languages
- SNMP traps
- Geofencing and tracking via Onis Visa WebSupervisor
- Option for up to 16 additional binary inputs/outputs
- Flexible event based history with up to 350 events
- Load shedding, dummy load capability
- Automatic temperature based cooling/heating
- Comprehensive gen-set protections
- Multipurpose flexible timers
- True RMS measurement
- FREE Lite Edition Software

### GUARD REVOLUTION WebSupervisor



Guard Revolution WebSupervisor is cloud-based system designed for monitoring and controlling ComAp controllers via the internet.

This system offers a number of beneficial features that help optimize revenue for machinery fleets, as each piece of equipment can be individually monitored for all important operation values.

Guard Revolution WebSupervisor offers equipment owners a number of powerful reporting tools allowing monthly summaries of availability and optimizes the maintenance scheduling and asset utilization from the individual equipment to the whole fleet. The information generated from each controller can be archived on the central server for future analysis and trend evaluation.

#### What is it used for?

- REAL TIME CHECKING OR REMOTE CONTROLLING
- GEOLOCALIZATION AND FLEET TRACKING
- GENSET FUNCTION MONITORING AND DATA RECORDING

### MAIN TECHNICAL FEATURES

Operating temperature	-20 °C to +70 °C
Input/Output	Up to 8 binary input / 8 binary output / 4 analog input
Communication ports on board	USB, Canbus
Slot for Expansion/Communication card	2, plug-in card



# STANDARD CONTROL PANELS - OPTIONALS

## UPGRADE YOUR GUARD REVOLUTION WITH THE PLUG AND PLAY OPTIONS

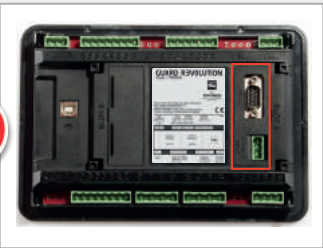
A plug and play Solution for the additional extension modules to meet all customer needs.



PRESS THE FINS  
TO OPEN THE LID



INSERT THE PLUG&PLAY  
EXPANSION MODULE  
INTO ONE OF THE TWO SLOTS



CHANGE THE LID COVER  
AND CONNECT!

### IN/OUT Expansion Module

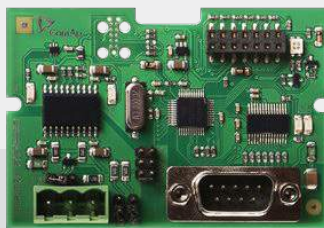


#### BIO8-EFCP

*Binary I/O plug-in module with earth fault current protection measurement:*

- Extension module with 8 configurable binary terminals for inputs or outputs
- Possibility to connect a current transformer for earth fault current measurement and protection

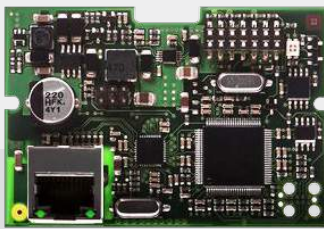
### COMMUNICATION Expansion Module



#### RS232/RS485

*RTU Modbus: all data read by the board are available in the modbus map*

- RS232: PC direct connection through LiteEdit software for programming, parameters displaying and/or modifying, full genset control, history reading
- RS485: customer's direct connection for Modbus RTU protocol communication



#### Ethernet/Internet

- Local card control in customer's company network via IP address, through LiteEdit software or Internet browser (SCADA)
- Remote control if the card has access to the Internet through the Web Supervisor.
- Data request from a device in the local network with TCP-Modbus protocol or alternatively SNMP.



#### 4G Modem + GPS

- Fast connectivity 4G (up to 100 Mbps) + GPS Tracking
- Receiving SMS and email in case of alarms or genset status change (e.g. started engine)
- Sending SMS messages to control the genset (e.g. manual starting)
- Remote control through Airgate Software or Web Supervisor
- Genset locating and tracking via GPS



#### 2G Modem GSM/GPRS

- Connectivity 2G (Up to 128Kbps)
- Receiving SMS and email in case of alarms or genset status change (e.g. started engine)
- Sending SMS messages to control the genset (e.g. manual starting)
- Remote control through Airgate Software or Web Supervisor



## OPTIONAL CONTROL PANELS

### OPTIONAL CONTROL PANELS - single genset controller



#### ONIS VISA® GUARD TOUCH

The ONIS VISA Guard Touch is a configurable single genset controller suitable for manual and automatic control to the Mains (Utility) Failure. Monitoring a large number of engine and alternator parameters, this module displays warnings, shutdowns and engine status information, automatically starting or stopping the engine in accordance to load demand or fault condition. Guard Touch is equipped with a 320x240 touch screen b/w LCD panel able to grant an immediate graphic visualization of information and an easy and user-friendly touch control interaction.



#### ONIS VISA® GUARD EVO AUTO

The GUARD EVOLUTION automatic device allows automated management of a Mains failure. When the Mains fail GEVO starts the genset according to a pre-set logic, it switches from mains/genset and feeds the User system. When the Mains come back on GEVO switches from genset/mains and proceeds with cooling down the genset and ultimately shutting it down. Main characteristics: large backlit display screen; generating set event analysis; complete engine and electrical parameters; possibility of integrating additional modules and programme extensions.



#### COMAP® AMF25

The ComAp IntelliLite AMF25 offers integrated control solutions for gen-sets operating in single standby mode. Based on the field proven IntelliLite architecture, AMF25 controller fulfills every requirement from simple to complex and AMF to MRS applications – providing modem and Internet control, user configuration and complete gen-set monitoring and protection. AMF25 controllers are easy to use with an intuitive user interface and graphic display and feature a built-in event and performance log.



#### DEEP SEA® 4520 MKII

The DSE4520 is a compact Auto Mains (Utility) Failure Control Module that has been developed to provide an outstanding range of features within a compact enclosure.

Monitoring an extensive number of engine parameters, the module will display warning, shutdown and engine status information on the backlit LCD screen, illuminated LEDs, remote PC and via SMS text alerts (with external modem).



#### DEEP SEA® 7320 MKII

The DSE7320 is an Auto Mains (Utility) Failure Control Module suitable for a wide variety of single genset applications.

Monitoring an extensive number of engine parameters, this modules will display warnings, shutdown and engine status information on the back-lit LCD screen, illuminated LEDs, remote PC and via SMS text alerts (with external modem). The modules can be easily configured using the DSE Configuration Suite PC software. Selected front panel editing is also available.



## OPTIONAL CONTROL PANELS

### OPTIONAL CONTROL PANELS - Parallel genset controller

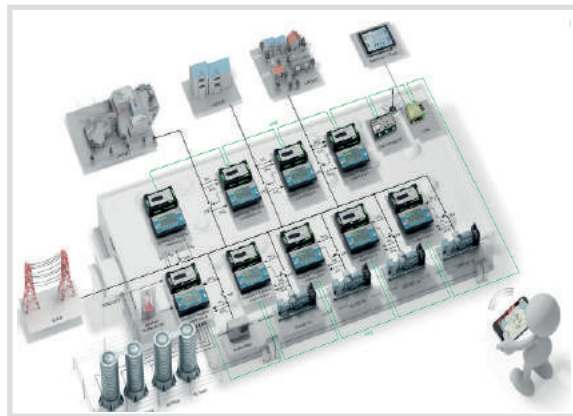


#### COMAP® IntelliGen NTC BaseBox + INTELIVISION 5

IntelliGenNTC BaseBox is a comprehensive controller for both single and multiple gen-sets operating in standby or parallel modes. The detachable modular construction allows easy installation with the potential for many different extension modules designed to suit individual customer requirements.

A built-in synchronizer and digital isochronous load sharer allow a total integrated solution for gen-sets in standby, island parallel or mains parallel with native cooperation of up to 32 gen-sets. IntelliGenNTC BaseBox supports many standard ECU types and is specially designed to easily integrate new versions.

Ethernet connections together with AirGate make remote internet connection to new IntelliGenNTC BaseBox easy: you can simply monitor the site on the internet using WebSupervisor. The IntelliGen NTC BaseBox is a mains supervision controller base unit for use with detachable colour display (Intellivision 5). These control products have built an enviable reputation for effective system integration, simpler monitoring and more user-friendly remote supervising and servicing.



#### Power station power management

Visa SpA offers a full range of power generation equipment to suit any application, from a "Prime Power" power stations to Emergency standby Gen Sets, providing you with an overall system solution and service package for complete power stations.

Visa SpA also can provide the additional benefit of planning, producing and operating everything from single genset to entire power generating stations, granting you high-performing system, adaptable to any spatial constrictions and energy requirements.

We provide systems to improve efficiency and reduce costs and environmental impact.

#### DEEP SEA® 8610 MKII - Parallel multiple Genset (MINT)

The DSE8610 is an easy to use Synchronising Auto Start Control Module suitable for use in a multi-generator loadshare system, designed to synchronise up to 32 generators including electronic and non-electronic engines.

The DSE8610 monitors the generator and indicates operational status and fault conditions, automatically starting or stopping the engine on load demand or fault condition. Using the DSE PC Configuration Suite Software allows easy alteration of the operational sequences, timers and alarms. The DSE8610 is ideal for a wide variety of demanding load share applications.

#### DEEP SEA® 8620 MKII - Parallel to Mains (SPtM)

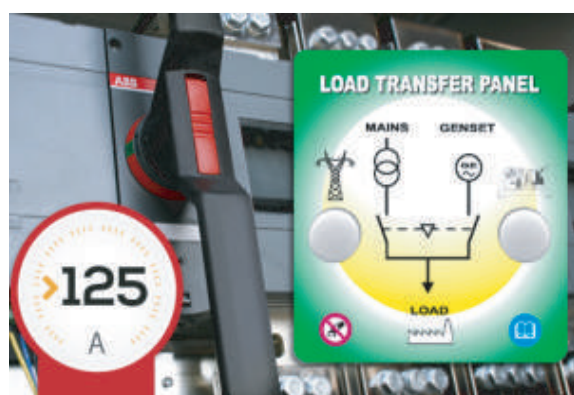
The DSE8620 is an intelligent mono display auto mains (utility) failure load share control module packed with industry leading features to enhance paralleling single gensets with a mains (utility) supply.



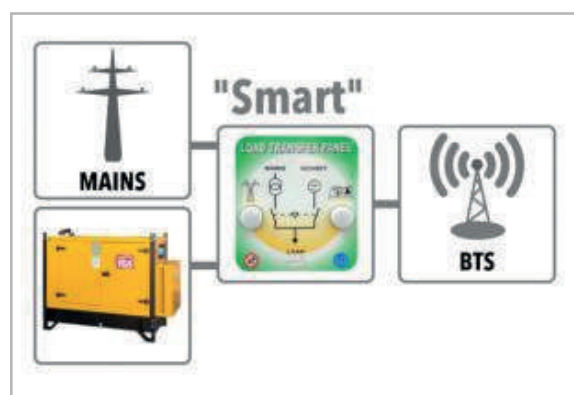
## ATS

**"ATS-C" CHANGEOVER SWITCH PANELS**

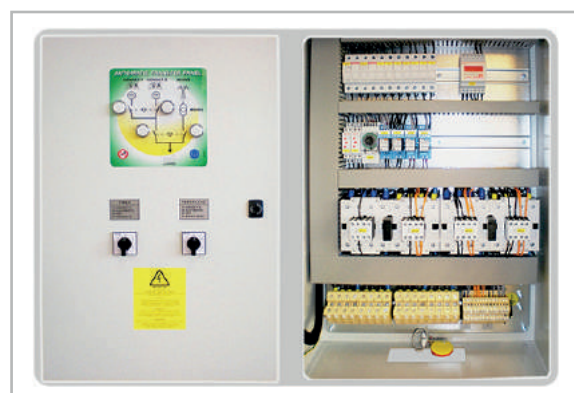
ATS-C is a new line of changeover switch panels developed and produced by Visa S.P.A. in accordance with IEC standards EN 61439-2 (construction standard) for powers up to 125 A. In their specific use with generating sets the changeover switch panels allow the changeover between mains/genset or genset/genset. The main part of the panel is represented by two interlocking contactors. All of the parts are installed inside a sturdy powder-coated (RAL7035) metal box and equipped with a lock to close the access door. IP65 protection guarantees the protection of the parts from external agents.

**"ATS-M" CHANGEOVER SWITCH PANELS**

ATS-M is a new line of changeover switch panels for generating sets developed and produced by Visa S.p.A. in accordance with IEC standards CEI EN 61439-2 (construction standard) for powers up to and exceeding 125 A. Distinguished by a sturdy and reliable motorised or contact-powered control, the ATS panels allow the customer to carry out remote mains-genet or genet-genet switching operations.

**"Smart ATS" CHANGEOVER SWITCH PANELS**

Visa can count with multiple ATS configurations. Usually ATSs are enclosed in a dedicated cabinet but on demand special solutions may be developed where the ATS is included in the genset electrical cabinet in order to save space and to have a more compact and complete solution.

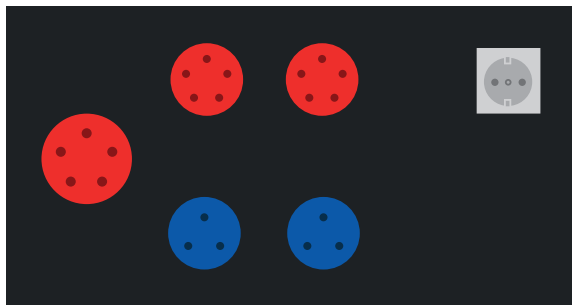
**"3 WAYS ATS" SOURCE INVERTERS**

The 3 WAYS ATS have been designed by Visa S.p.A. in accordance with EN 61439 standards. This model is available either with contactors or with motorised switches. Namely, this inverter has been designed for telecoms applications in order to meet the following configurations:

- Telecoms site with 2 unit and one network;
- Telecoms site with just one unit and one network;
- Telecoms site with two power units.

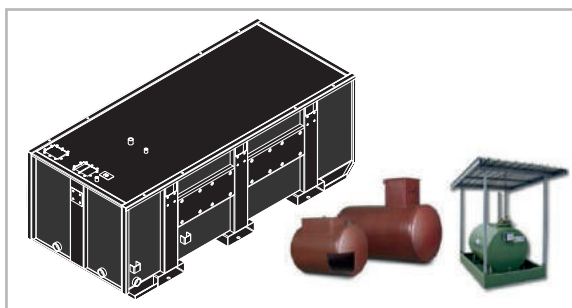
The cabinet can be locked with a key and its IP65 protection rating provides protection against the weather.

## OTHER ACCESSORIES



## SOCKET KIT or CUSTOM SOCKET

Socket choice and position for electrical panel. A wide range of sockets KITS is available to cover all needs regarding plugs.



## HI-CAPACITY FUEL TANK - STORAGE CISTERNS

To guarantee elevated operating autonomy Visa can provide various fuel storage solutions. Based on the type of installation it is possible to choose between a vast range of below and above ground cisterns or extra size fuel tank. In all cases these products are manufactured entirely in Italy, with top quality materials and equipped with safety devices as required by the regulations in force.



## FUEL TUTOR

The combined kit for diesel refuelling. The solid metal box that can be locked with a key houses an electric pump, a solenoid valve, a manual pump and the by-pass ball valves if a fault should occur. The kit can be easily floor or wall-mounted, either indoors or outdoors. Operation is managed by the Guard Evo control panel OR CPC devices, which can be used with the connection of a single cable. The hydraulic connections are made easier by having solid couplings welded onto the Fuel Tutor as well as the built-in tanks on Visa units: if the unit has a canopy it will always have a connecting plate on the outside of the canopy.



## TRAILERS

For applications that require the generating set to be moved quickly and frequently Visa proposes installation on trailers; various technical solutions will satisfy the most different conditions of use. The range of trailers includes certifiable low speed tow trailer models for road use.

## FULL DOCUMENTATION AVAILABILITY



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✉ [visa@visa.it](mailto:visa@visa.it)

Visa SpA provides a full range of technical documentation on our current products as well as older products. This documentation includes technical manuals, release notes, tools and catalogues. For further details, additional information or prices, please contact our sales department.