



TRUST YOUR POWER

Also available in
Rental & Zero Noise version



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INDUSTRIAL SERIES

65B

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
65	52	71,5	57,2

ENVIRONMENTAL CONDITIONS	
Temperature	40°C
Altitude	1000 mslm
Humidity	60%

3~ 50Hz. 400V	
BAUDOUIN	
EU STAGE 0	
69 dB(A) @ 7 mt	
120 lt	

OPEN VERSION B100



WEIGHT		DIMENSIONS	
kg	L [mm]	W [mm]	H [mm]
1100	2100	1000	1800

SOUNDPROOF VERSION C100



The image is only for demonstration purposes

WEIGHT		DIMENSIONS	
kg	L [mm]	W [mm]	H [mm]
1355	2300	1085	1670

Reference standards list: 2006/42/EC Machinery directive
2014/35/UE Low voltage directive
ISO8528-1/10 Performances ratings
ISO12100 Machinery safety

2014/30/UE CEM directive



CGM Gruppi Elettrogeni S.r.l. reserves the right to make changes without any obligation of notice.

TECHNICAL DETAILS

ELECTRICAL DATA

Electrical system type	3F+N	~
Power factor	0,8	φ
Voltage	400	V
Frequency	50	Hz
PRP Ampere rating	93,8	A

ENGINE

Engine	BAUDOUIN 4M10G2D0/S	
Engine emissions standard	(REG. UE 2016/1628) EU STAGE 0	
RPM governor	Electronic	
Step load performance (ISO8528-5)	G2 @ ND G3 @ ND	
RPM	1500	rpm
Nr. Of cylinders	4	
Bore x stroke	105 x 118	mm
Displacement	4087	cc
Aspiration	Turbocharged	
Cooling system	Water	
Engine net prime power	76,4 (57)	hp (kW)

CONSUMPTION

Fuel type	Diesel	
Consumption @ 50% load	8,1	lt/h
Consumption @ 75% load	11,6	lt/h
Consumption @ 100% load	15,2	lt/h
Standard tank capacity	120	lt
Autonomy @ 75% load	10,3	h

ALTERNATOR

Alternator	STAMFORD - MECC ALTE - LEROY SOMER	
Type	Self excited, brushless	
Number of poles	4	
Insulation class	H	
Temperature rise class	H	
Voltage regulation	AVR	
Voltage precision	± 1	%

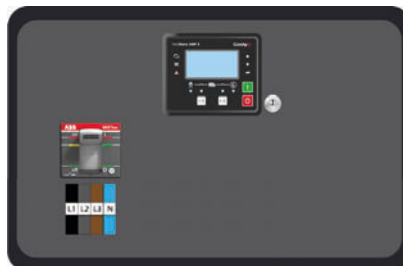
GENERAL

Sound level (soundproof version)	69	dB(A) @ 7mt
Exhaust pipe diameter	90	mm
Electrical system voltage	12	V

ELECTRIC PANEL

MANUAL

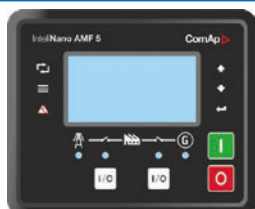
AUTOMATIC



Control unit with multimeter	ComAp IntelliNano AMF 5	ComAp IntelliLite 4 AMF 8
Protection rating of the electrical panel enclosure	IP 44	IP 44
ON-OFF switch control panel	ON/OFF switch bistable with key	ON/OFF switch bistable
Emergency pushbutton	Ø40 mm with twist-release mechanism Compliant with standards: EN/IEC 60947-5-5 EN/ISO13850 IEC 60204-1 2006/42/EC	Ø40 mm with twist-release mechanism Compliant with standards: EN/IEC 60947-5-5 EN/ISO13850 IEC 60204-1 2006/42/EC
Battery charge maintainer	- - - - -	12V - 5A
electrical distribution	Full power terminal	Full power terminal
Circuit breaker	4P Thermal-magnetic circuit breaker ABB Tmax-XT 100A	4P Thermal-magnetic circuit breaker ABB Tmax-XT 100A
Main protection alarms	Min-Max V, Hz, Amp. LOP. HWT. Alternator fault Battery charger Low fuel level	Min-Max V, Hz, Amp. LOP. HWT. Alternator fault Battery charger Low fuel level

STANDARD CONTROL UNIT

ComAp IntelliNano AMF 5



ComAp IntelliLite 4 AMF 8



Functions: manual start, remote start, periodic test
 Multimeter V (L1, L2, L3, N), A (L1, L2, L3, N), Hz, kVA, battery V, hour counter
 Backlit LCD display. USB port
 Communication accessories available: Ethernet, GSM-GPRS, 4G, GPS

Functions: automatic or manual start, remote start, periodic test
 Multimeter V (L1, L2, L3, N), A (L1, L2, L3, N), Hz, kVA, battery V, hour counter
 Backlit LCD display. USB port
 Communication accessories available: Ethernet, GSM-GPRS, 4G, GPS

OPTIONAL CONTROL UNIT



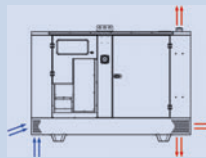
DEEP SEA DSE4520 MKII
 DEEP SEA DSE7320 MKII



COMAP AMF25

SOUNDPROOF AND WEATHERPROOF CANOPY



Self-supporting frame material	Steel plate, pickled, welded, minimum thickness 2.5 mm
Soundproof canopy material	Steel plate, pickled, welded, thickness between 1.5 and 4 mm
Painting	Polyester powder for outdoor RAL5015 textured Corrosion resistance class C3m
In-built fuel tank	120 lt with drip tray
Sound-absorbing coating material	Polyester fiber. Fire resistance EN13501-1 B s2 d0
Muffler	Inside the cover Residential type Noise reduction: 35 dB(A)
access openings	n.3 doors with key lock
Electric Panel	Lateral position Dedicated door with padlockable key lock and inspection window
Fresh air intake and hot air expulsion	
Lifting system	n.2 hooks
Support feet	n.2 feet of support n.4 holes for floor mounting

TRANSPORTABILITY IN CONTAINERS

VERSION		20' BOX	40' BOX	40' HC
	N. Transportable parts	5	10	10
	N. Transportable parts	5	10	10

STANDARD FEATURES

	≤50 kVA	80 kVA	120 kVA	200 kVA	275 kVA	≥550 kVA		
Mechanical fuel gauge	STANDARD	OPTIONAL						
Electric fuel gauge	OPTIONAL	STANDARD						
Coolant temperature and oil pressure allarm	STANDARD							
Coolant temperature and oil pressure measuring sensor	OPTIONAL		STANDARD					
Oil sump pump	OPTIONAL				STANDARD			
110% containment basin	STANDARD							
Noise level compliant to 2000/14/CE	STANDARD							
Galvanized steel mode canopy	OPTIONAL							
	C20	C30	C50	C100	C200	C300	C450	≥C500

OPTIONS

| OTHER OPTIONS |

140A ATS panel (mains-genset)

Bigger fuel tank with drip tray

Engine preheat heater for starting in harsh climate conditions [750W]

Automatic fuel transfer kit with manual bypass system

Power distribution panel with 4/6 EEC sockets

Quick couplings for connecting an external tank with three way valve

Remote monitoring and control systems (Ethernet, 4G, GPS)

| OTHER OPTIONS |

Battery switch

Parallel framework between groups or between groups and network

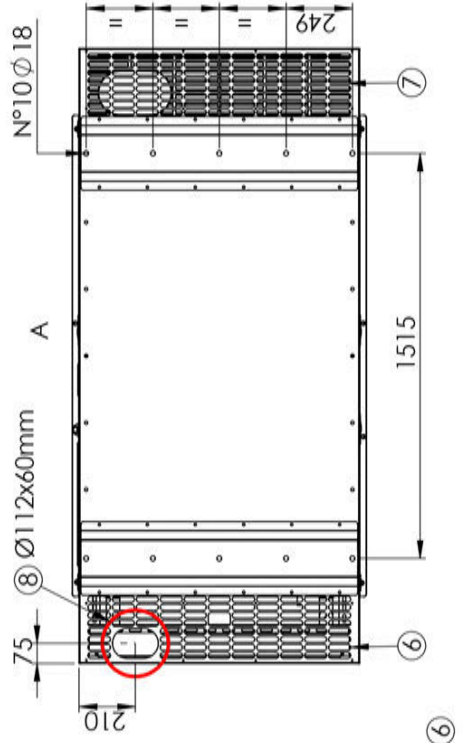
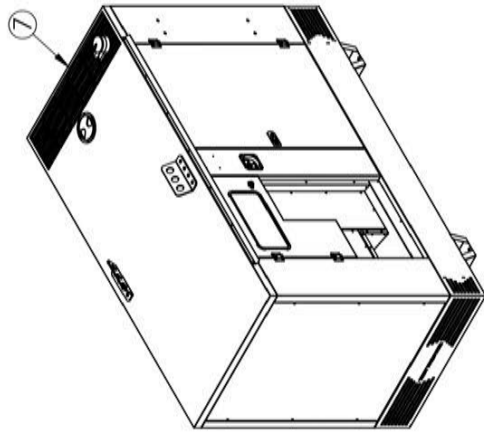
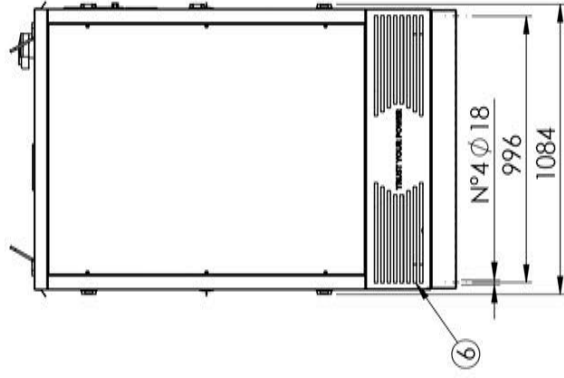
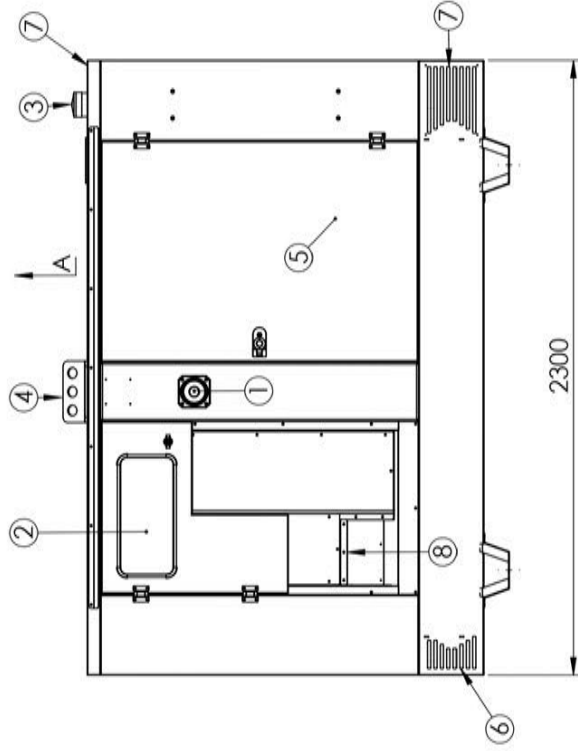
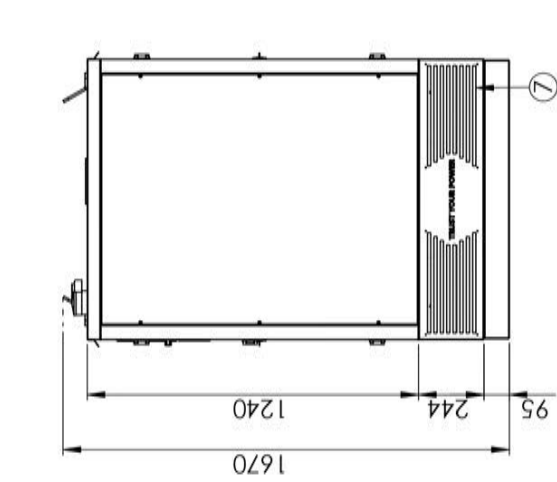
Cab with front/side air intake and/or exhaust

Outdoor, underground and trasportable tanks

Slow or fast towing trailer

Further colors

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• MEASURES ARE INDICATIVE.



N°	ENG	ITA	FRA
1	EMERGENCY BUTTON	PULSANTE EMERGENZA	BOUTON D'URGENCE
2	ELECTRICAL PANEL	QUADRO ELETTRICO	PANNEAU ELECTRIQUE
3	EXHAUST PIPE	TUBO DI SCARICO	TUYAU D'ÉCHAPPEMENT
4	LIFTING HOOKS	GANCI DI SOLLEVAMENTO	CROCHETS DE LEVAGE
5	FUEL FILLING POSITION	POSIZIONE RABBOCCO CARBURANTE	POSITION DE REMPLISSAGE DE CARBURANT
6	AIR INLET	ENTRATA ARIA	ENTRÉE D'AIR
7	AIR OUTLET	USCITA ARIA	SORTIE D'AIR
8	CABLES OUTLET	USCITA CAVI	SORTIE CABLE

CGM
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TITOLO/TITLE: GENERATING SET

C100_120LT

DATA/DATE	14/11/2024
REVISIONE	00
DESCRIPTION	Rev. description

N. DS/DRAWING CODE

M. Scarsella

N. FOGGIO/N° SHEET



