



TRUST YOUR POWER

Also available in  
Rental & Zero Noise version



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## INDUSTRIAL SERIES

# 18B

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
18	14,4	19,8	15,8

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

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

### OPEN VERSION B50



WEIGHT		DIMENSIONS	
kg	L [mm]	W [mm]	H [mm]
570	1650	850	1600

### SOUNDPROOF VERSION C30



The image is only for demonstration purposes

WEIGHT		DIMENSIONS	
kg	L [mm]	W [mm]	H [mm]
745	1800	885	1335

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	26	A

### ENGINE

Engine	BAUDOUIN 4M06G2D0/S	
Engine emissions standard	(REG. UE 2016/1628) EU STAGE 0	
RPM governor	Electronic	
Load step performance (ISO8528-5)	G2 @ND   G3 @ ND	
RPM	1500	rpm
Nr. Of cylinders	4	
Bore x stroke	89 x 92	mm
Displacement	2300	cc
Aspiration	Natural	
Cooling system	Water	
Engine net prime power	22,8 (17)	hp (kW)

### CONSUMPTION

Fuel type	Diesel	
Consumption @ 50% load	3,6	lt/h
Consumption @ 75% load	5	lt/h
Consumption @ 100% load	6,5	lt/h
Standard tank capacity	100	lt
Autonomy @ 75% load	20	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	60	mm
Electrical system voltage	12	V

## ELECTRIC PANEL

### MANUAL

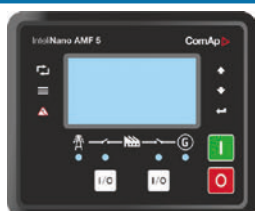
### AUTOMATIC



	ComAp IntelliNano AMF 5	ComAp IntelliLite 4 AMF 8
Control unit with multimeter		
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	CEE sockets IP67: n.1 3P 16A + n.1 5P 32A	Full power terminal
Circuit breaker	Thermal-magnetic circuit breaker 1P+N 16A and 4P 32A	Thermal-magnetic circuit breaker 4P 32A
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), Hz, kVA, battery V, hour counter  
 Backlit LCD display. USB port  
 Communication accessories available: Ethernet, GSM-GPRS, 4G, GPS

## OPTIONAL CONTROL UNIT



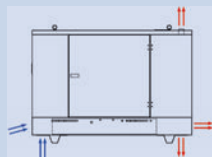
DEEP SEA DSE4520 MKII  
 DEEP SEA DSE7320 MKII





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 4.5 mm
Painting	Polyester powder for outdoor RAL5015 textured Corrosion resistance class C3m
In-built fuel tank	100 lt with drip tray
Sound-absorbing coating material	Polyurethane finished with water-repellent, and anti-oil fabric. Fire resistance EN13501-1 class B
Muffler	Inside the cover Residential type Noise reduction: 35 dB(A)
access openings	n.2 doors with key lock
Electric Panel	Position on the short side Dedicated lockable door and inspection window (only for Gensets with automatic panel)
Fresh air intake and hot air expulsion	
Lifting system	n.4 galvanised 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	6	13	13
	N. Transportable parts	6	13	26

#### 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 alarm	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 |

32A 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

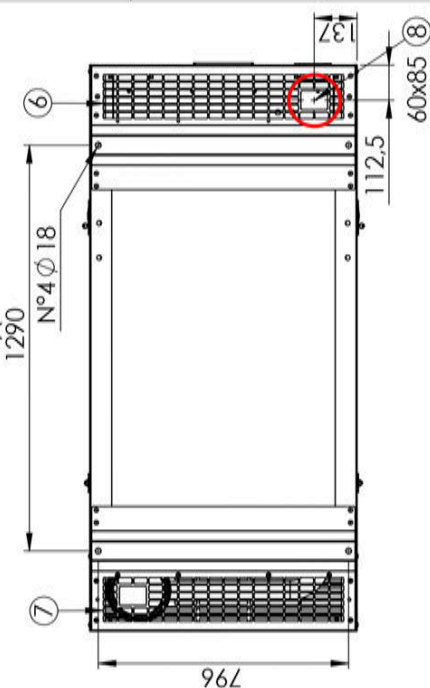
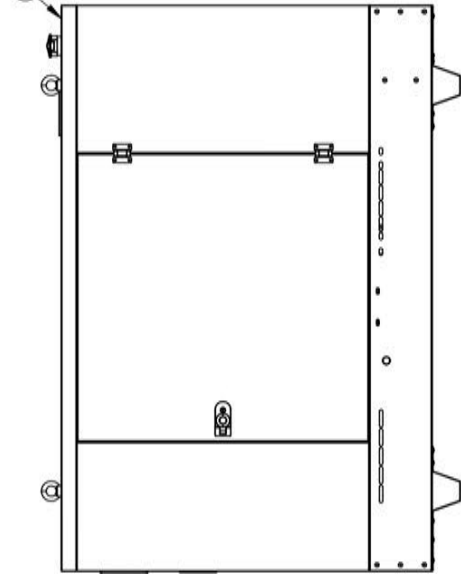
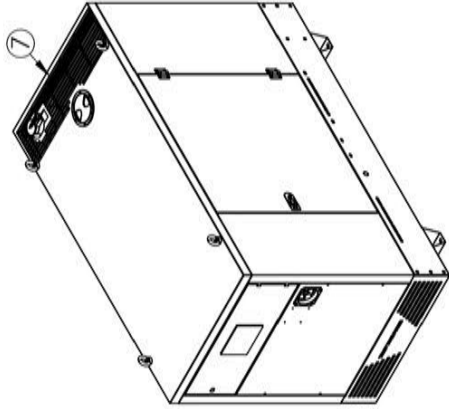
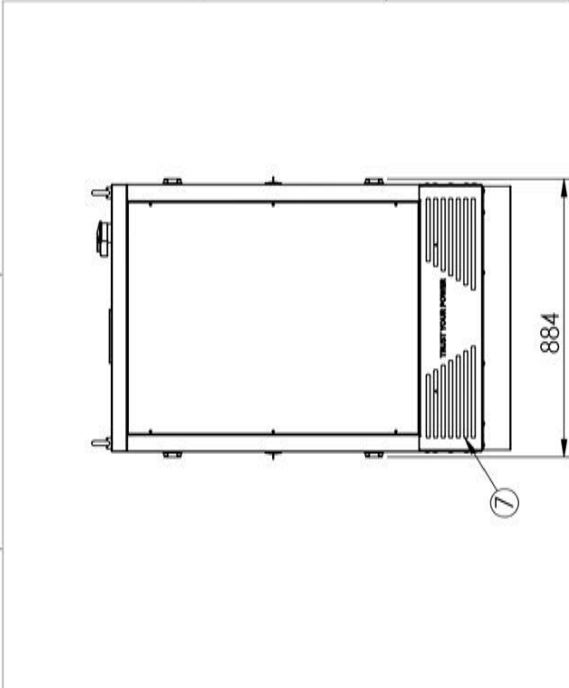
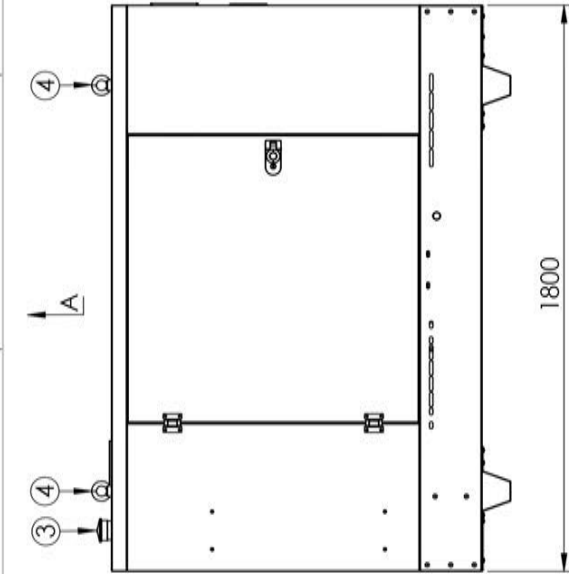
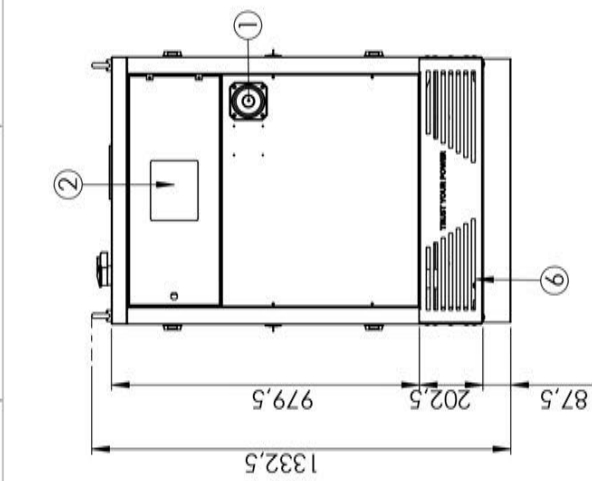
Slow or fast towing trailer

Further colors



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• AI RISERVI DI LEGGE, AI SENSI DEGLI ART. 9 E 99 DELLA LEGGE 633 DEL 22/02/1947 E DI RENDERLO NOTO, ANCHE IN PARTE, SENZA NOSTRA AUTORIZZAZIONE SCRITTA.  
• SONO VALIDE SOLO LE MISURE QUOTATE  
• LE MISURE SONO 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	ENTREE D'AIR
7	AIR OUTLET	USCITA ARIA	SORTIE D'AIR
8	CABLES OUTLET	USCITA CAVI	SORTIE CABLE

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C30_100LT		REVISIONE 00		Description Rev. Rev. description	
GENERATING SET		N. DS/DRAWING CODE		N. FOGLIO/N° SHEET	
TITOLO/TITLE:		DATE/DATE		25/11/2024	
NOTE/NOTES:		DISEG./DRAWN BY		M.Scarsella	

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