INDUSTRIAL SERIES

600F

- 3~ 50Hz. 400V
- FPT INDUSTRIAL
- EU STAGE 0
- 69 dB(A) @ 7 mt
- 400L

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
600	**480**	**660**	**528**

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

Rev. 00 - 16/05/2026

OPEN VERSION B750



WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
4300	**3450**	**1550**	**2300**

SOUNDPROOF VERSION C500



The image is only for demonstration purposes

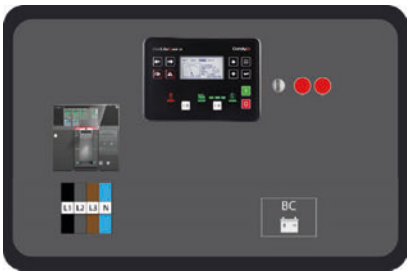
WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
5510	**4850**	**1820**	**2550**

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

CE EAC

TECHNICAL DETAILS			
ELECTRICAL DATA	**Electrical system type**	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	866	A
ENGINE	**Engine**	FPT CURSOR16 TE1W	
	Engine emissions standard	(REG. UE 2016/1628) EU STAGE 0	
	RPM governor type	Electronic	
	Step load performance (ISO8528-5)	G2 @ ND | G3 @ ND	
	RPM	1500	rpm
	Nr. Of cylinders	6	
	Bore x stroke	141 x 170	mm
	Displacement	15900	cc
	Aspiration	Turbocharged	
	Cooling system	Water	
	Engine net prime power	676,9 (505)	hp (kW)
CONSUMPTION	**Fuel type**	Diesel	
	Consumption @ 50% load	60,2	lt/h
	Consumption @ 75% load	92	lt/h
	Consumption @ 100% load	119	lt/h
	Standard tank capacity	400	lt
	Autonomy @ 75% load	4,3	h
ALTERNATOR	**Alternator**	MECC ALTE	
	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	193	mm
	Electrical system voltage	24	V

ELECTRIC PANEL

	MANUAL	AUTOMATIC
		
Control unit with multimeter	ComAp InteliLite 4 AMF 25	ComAp InteliLite 4 AMF 25
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	- - - - -	24V - 10A
Electrical distribution	Full power terminal	Full power terminal
Circuit breaker	4P Thermal-magnetic circuit breaker ABB Tmax-XT 1000A	4P Thermal-magnetic circuit breaker ABB Tmax-XT 1000A
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 InteliLite 4 AMF 25		Functions: 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 Support for MOBDUS and SNMP communication protocols Advanced PLC programming Communication accessories available: Ethernet, GSM-GPRS, 4G, GPS
ComAp InteliLite 4 AMF 25		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 Support for MOBDUS and SNMP communication protocols Advanced PLC programming Communication accessories available: Ethernet, GSM-GPRS, 4G, GPS

OPTIONAL CONTROL UNIT

DEEP SEA DSE7320 MKII

SOUNDPROOF AND WEATHERPROOF CANOPY



Self-supporting frame material	**Pickled, welded steel sheet, min. thickness 4 mm**
Soundproof canopy material	**Pickled, welded steel sheet, thickness between 1.5 and 6 mm**
Painting	**Polyester powder for outdoor RAL5015 textured Corrosion resistance class C3m**
In-built fuel tank	**400 L with bunded base**
Sound-absorbing coating material	**Polyester fiber. Fire resistance EN13501-1 B s2 d0**
Muffler	**Inside the canopy Residential type Noise reduction: 35 dB(A)**
Access openings	**nr. 5 doors with padlockable lock**
Electric Panel	**Lateral position Dedicated door with padlockable key lock and inspection window**
Fresh air intake and hot air expulsion	
Lifting system	**4 lifting eye bolts**
Support feet	**n.2 feet of support n.4 holes for floor mounting**

STANDARD FEATURES

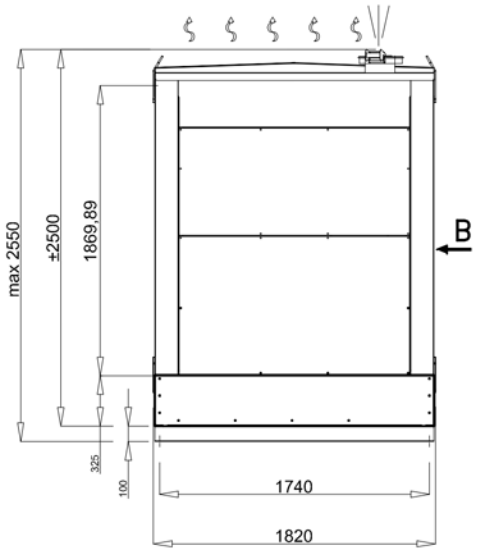
	≤50 kVA	80 kVA	120 kVA	200 kVA	275 kVA	≥550 kVA
Mechanical fuel gauge	STANDARD	OPTIONAL				
Electric fuel gauge	OPTIONAL	STANDARD				
Coolant temperature and oil pressure allarm	STANDARD					
Coolant temperature and oil pressure measuring sensor	OPTIONAL		STANDARD			
Oil sump pump	OPTIONAL				STANDARD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

C20	C30	C50	C100	C200	C300	C450	≥C

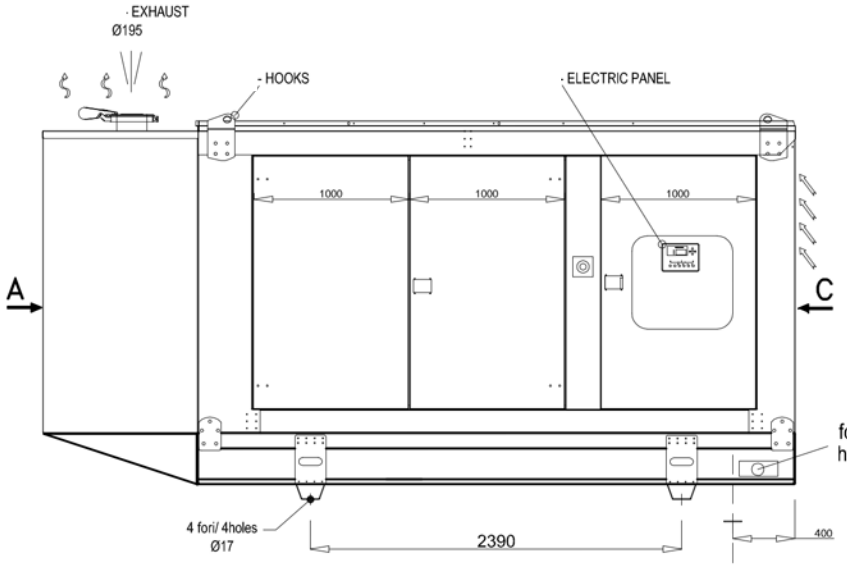
OPTIONS

| OTHER OPTIONS |	| OTHER OPTIONS |
1000A ATS panel (mains–genset)	Master battery switch
Bigger fuel tank [600lt] with drip tray	Parallel framework between groups or between groups and network
Engine preheater for starting in cold climate conditions [2 500W with circulation pump]	Cab with front/side air intake and/or exhaust
Automatic fuel transfer kit with manual bypass system	Outdoor, undergound and trasportable tanks
Power distribution panel with 4/6 EEC sockets	Slow or fast towing trailer
Quick couplings for connecting an external tank with three way valve	Further colors
Remote monitoring and control systems (Ethernet, 4G, GPS)	

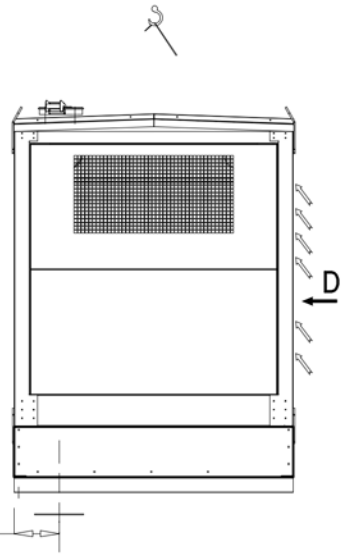
- VIEW A

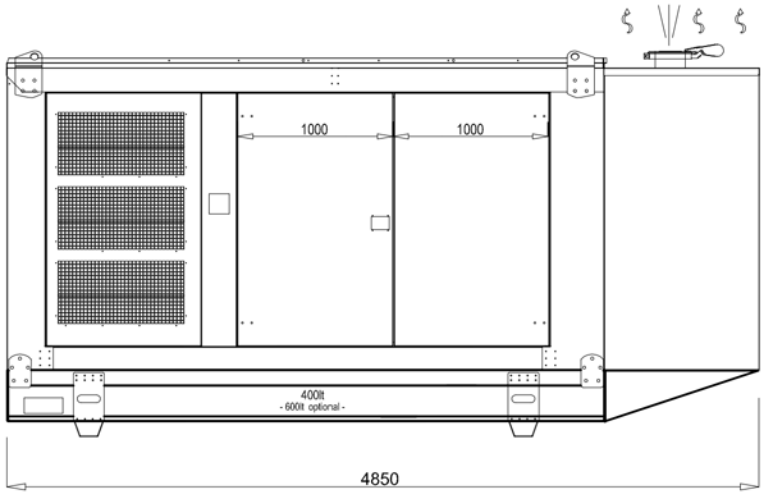


- VIEW B



- VIEW C

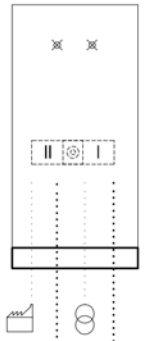




- VIEW D

foro uscita
hole outlet
100X250

* OPTIONAL



DESCRIPTION :	NOTE:	DATA/DATE:	DISEGN.	N.DIS.
SILENCED GENERATOR	MODEL 500-550KVA TYPE C500-DX	10/12/21	BM	M070-21
		REV. 00	VAR. 01	N.FOGLIO/SHEET 00

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