

INDUSTRIAL SERIES

3~ 50Hz. 400V

VOLVO PENTA

EU STAGE 5

69 dB(A) @ 7 mt

400L

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
300	240	330	264

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

OPEN VERSION B400



WEIGHT		DIMENSIONS	
kg	L [mm]	W [mm]	H [mm]
3180	2950	1550	2100

SOUNDPROOF VERSION C450



WEIGHT		DIMENSIONS	
kg	L [mm]	W [mm]	H [mm]
4255	4270	1735	2350

TECHNICAL DETAILS

ELECTRICAL DATA	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	433	A
ENGINE	Engine	VOLVO PENTA TAD 1380GE	
	Engine emissions standard	(REG. UE 2016/1628) EU STAGE 5	
	RPM governor	Electronic	
	Step load performance (ISO8528-5)	G2 @ 77% G3 @ 68%	
	RPM	1500	rpm
	Nr. Of cylinders	6	
	Bore x stroke	131 x 158	mm
	Displacement	12780	cc
	Aspiration	Turbocharged	
	Cooling system	Water	
	Engine net prime power	386,1 (288)	hp (kW)
CONSUMPTION	Exhaust gas afertreatment	DOC + DPF + SCR + ASC	
	Fuel type	Diesel	
	Consumption @ 50% load	37	lt/h
	Consumption @ 75% load	53,6	lt/h
	Consumption @ 100% load	71,1	lt/h
	Standard tank capacity	400	lt
	Autonomy @ 75% load	7,5	h
	AdBlue tank capacity	70	lt
	AdBlue autonomy @ 100% load	12,8	h
ALTERNATOR	Al ternator	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	%

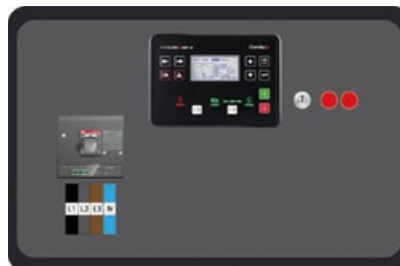
TECHNICAL DETAILS

GENERAL	Sound level (soundproof version)	69	dB(A) @ 7mt
	Exhaust pipe diameter	200	mm
	Electrical system voltage	24	V

ELECTRIC PANEL

MANUAL

AUTOMATIC



Control unit with multimeter	ComAp IntelliLite 4 AMF 25	ComAp IntelliLite 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 - 5A
electrical distribution	Full power terminal	Full power terminal
Circuit breaker	4P Thermal-magnetic circuit breaker ABB Tmax-XT 630A	4P Thermal-magnetic circuit breaker ABB Tmax-XT 630A
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



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 MODBUS and SNMP communication protocols
 Advanced PLC programming
 Communication accessories available: Ethernet, GSM-GPRS, 4G, GPS

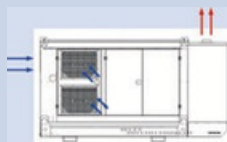


Functions: automatic or manual start, remote start, periodic test
 Multimeter V (L1, L2, L3, N), A (L1, L2, L3), Hz, kVA, battery V, hour counter
 Backlit LCD display. USB port
 Support for MODBUS and SNMP communication protocols
 Advanced PLC programming
 Communication accessories available: Ethernet,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

OPTIONAL CONTROL UNIT

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 cover 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

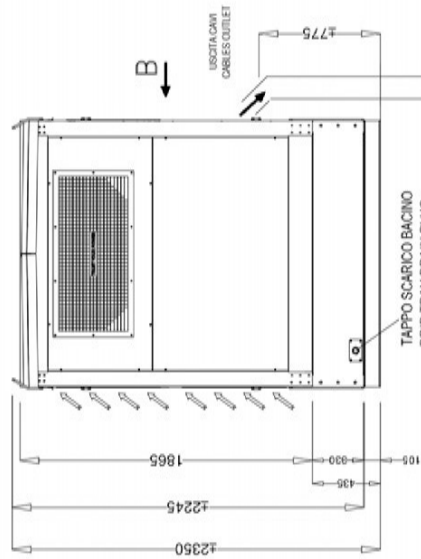
STANDARD FEATURES

	≤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	≥C500

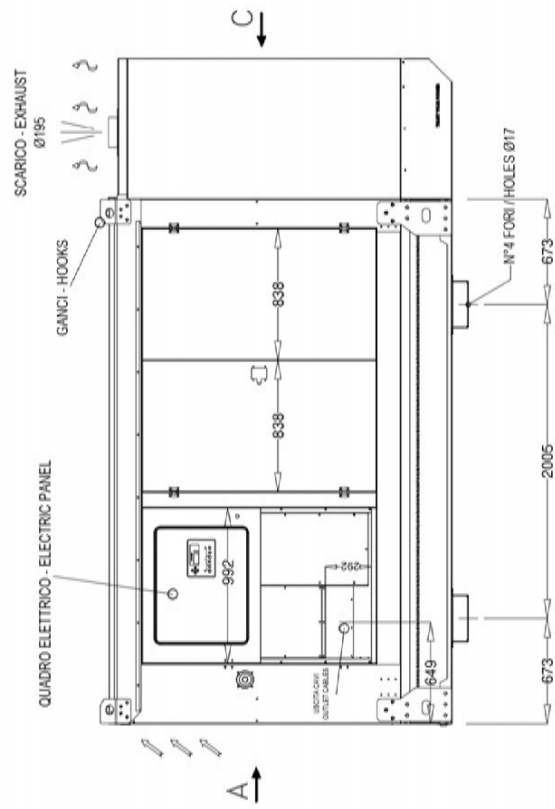
OPTIONS

OTHER OPTIONS	OTHER OPTIONS
630A ATS panel (mains-genset)	Battery switch
Bigger fuel tank with drip tray	Parallel framework between groups or between groups and network
Engine preheater for starting in cold climate conditions [2 250W]	Cab with front/side air intake and/or exhaust
Automatic fuel transfer kit with manual bypass system	Outdoor, underground 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)	

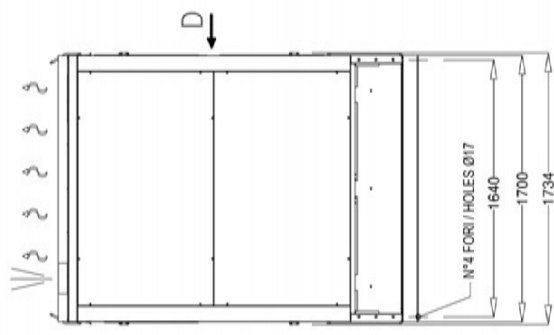
VISTA A - VIEW A



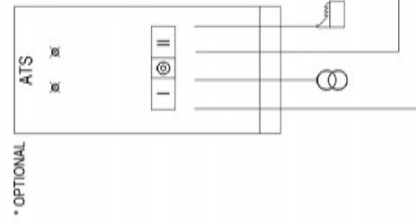
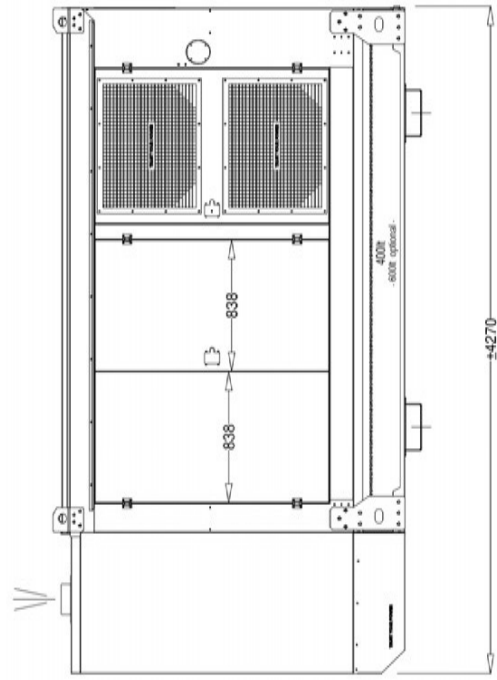
VISTA B - VIEW B



VISTA C - VIEW C



VISTA D - VIEW D



DESCRIZIONE/DESCRIPTION :

NOTE:

DATA/DATE: DISGNL N.DIS.

REV. 01 VAR. 00 N.FOGLIO/SHEET 00

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