






# INDUSTRIAL SERIES

# 250VO

AGG. 11/20

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
<b>250</b>	<b>200</b>	<b>275</b>	<b>220</b>

ENVIRONMENTAL CONDITIONS	
Temperature	<b>40° C</b>
Height	<b>1000 mslm</b>
Humidity	<b>60%</b>

3~ 50 Hz. 400V	
<b>VOLVO PENTA</b>	
EU STAGE 5	
69 dB(A) @ 7 mt	
250 lt	

## OPEN VERSION B300

## SOUNDPROOF VERSION C300



The image is only for demonstration purposes

WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
<b>2200</b>	<b>2800</b>	<b>1310</b>	<b>1800</b>

WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
<b>2865</b>	<b>3700</b>	<b>1400</b>	<b>2250</b>

## TECHNICAL DETAILS

ELECTRICAL DATA	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	360,8	A
ENGINE	Engine	VOLVO TAD 882GE	
	Engine emissions standard (REG. UE 2016/1628)	EU STAGE 5	
	RPM governor	Electronic	
	Performance class	G3	
	Rpm	1500	rpm
	Nr. of cylinders	6	
	Bore x stroke	110 x 135	mm
	Displacement	7700	cc
	Induction system	Turbocharged	
	Cooling system	Water	
	Engine net prime power	295 (220)	Hp (kW)
	Exhaust gas aftertreatment	/	
CONSUMPTION	Fuel type	Diesel	
	Consumption @ 50-75-100% load	28 – 41 – 55	lt/h
	Standard tank capacity	250	lt
	Autonomy @ 75% load	6,1	h
ALTERNATOR	Alternator	STAMFORD – MECC ALTE – MARELLI MOTORI	
	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	114	mm
	Electrical system voltage	24	V

## ELECTRIC PANEL

### MANUAL

### AUTOMATIC MAINS FAILURE



Electronic control unit with multimeter	COMAP IntelliLite 9	COMAP IntelliLite 9
Electrical panel enclosure protection degree	IP44	
ON-OFF electric panel switch	Key type	Without key
Emergency pushbutton	STANDARD	
Battery charge maintainer	/	24V 5A
Power supply	Full power terminal	Full power terminal
Circuit breaker	Magnetothermal type 4P ABB Tmax-T 400A	Magnetothermal type 4P ABB Tmax-T 400A
Main protection alarms	Min-max V and Hz. LOP. HWT. Battery charger alternator failure. Low fuel level	

## STANDARD ELECTRONIC CONTROL UNIT

COMAP  
IntelliLite 9



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 ELECTRONIC CONTROL UNIT



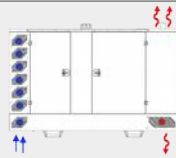
DEEP SEA DSE4520 MKII  
DEEP SEA DSE7320 MKII




COMAP AMF25

## SOUNDPROOF AND WEATHERPROOF CANOPY



Self-supporting frame material	Carbon steel sheet, electro-welded, minimum thickness 3 mm
Soundproof canopy material	Carbon steel sheet, electro-welded, thickness between 1,5 and 5,5 mm
Painting	Epoxy powder RAL5015 textured, outdoor-proof
In-built fuel tank	250 lt + Drip tray
Soundproofing coating material	Polyester fiber. Fire resistance EN13501-1 class B
Muffler	In-built the canopy. Residential type with sound reduction 35 dB(A)
Access openings	n.3 doors with padlockable key lock
Electric panel	Lateral side position. Dedicated door with padlockable key lock
Fresh air intake and hot air expulsion	
Lifting system	n.2 lifting hooks
Support feet	n.4 support feet with holes for machine ground fastening

## CONTAINER TRANSPORTABILITY ADVANTAGES

VERSION	20' BOX	40' BOX	40' HC
	2	4	4
N. transportable pieces	1	3	3

## MAIN OPTIONS



*400A automatic transfer switch (ATS)*



*400 lt bigger fuel tank with drip tray*



*1000W engine preheating system*



*Automatic fuel transfer kit with manual by-pass system*



*Residual current protection relay adjustable in sensitivity and intervention time*

## OTHER OPTIONS

*Power distribution socket set*

*Synchronizing electric panel*

*Battery switch*

*Remote control systems **ETHERNET, 2G - 3G - 4G, GPS***

*Further alternator brand*

*Quick couplings for connecting an external tank with three way valve -*

*Outdoor, underground and transportable tanks*

*Slow or fast towing trailer*

*Front hot air expulsion canopy*

*Further colors*

## VERSIONS WITH SPECIAL EQUIPMENT



### RENTAL

*Special version with features designed for the rental market*



### ZERO NOISE

*Super sound-proofed special version, noise level 50, 55 or 60 dB(A)*

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