

INDUSTRIAL SERIES

v35Y

3~ 50 Hz. 400V	
YANMAR	
EU STAGE 5	
69 dB(A) @ 7 mt	
100 lt	

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
35	28	38,5	30,8

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

OPEN VERSION B50

SOUNDPROOF VERSION C50



The image is only for demonstration purposes

WEIGHT kg	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
655	1650	850	1650

WEIGHT kg	DIMENSIONS		
	L [mm]	W [mm]	H [mm]
830	2000	850	1310

TECHNICAL DETAILS

ELECTRICAL DATA	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	50,5	A
ENGINE	Engine	YANMAR 4TNV98C-IYE	
	Engine emissions standard	EU STAGE 5	
	RPM governor	Electronic	
	Performance class	G3	
	Rpm	1500	rpm
	Nr. of cylinders	4	
	Bore x stroke	98 x 110	mm
	Displacement	3319	cc
	Induction system	Turbocharged	
	Cooling system	Water	
	Engine net prime power	43,6 (32,5)	Hp (kW)
	Exhaust gas afertreatment	DOC + DPF	
CONSUMPTION	Fuel type	Diesel	
	Consumption@ 75 load	6,7	lt/h
	Standard tank capacity	100	lt
	Autonomy@ 75%load	15	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	
GENERAL	Voltage precision	± 1	%
	Sound level (soundproof version)	69	dB(A) 7mt
	Exhaust pipe diameter	60	mm
	Electrical system voltage	12	V

ELECTRIC PANEL

MANUAL

AUTOMATIC MAINS FAILURE



Electronic control unit with multimeter	COMAP AMF25	COMAP AMF25
Electrical panel enclosure protection degree	IP44	
ON-OFF electric panel switch	Key type	Without key
Emergency pushbutton	STANDARD	
Battery charge maintainer	/	12V 3A
Power supply	ECC IP67 sockets: n.1 3P 16A + n.1 5P 63A	Full power terminal
Circuit breaker	Magnetothermal type 1P+N 16A and 4P 50A	Magnetothermal type 4P 50A
Main protection alarms	Min-max V and Hz. LOP. HWT. Battery charger alternator failure. Low fuel level	

STANDARD ELECTRONIC CONTROL UNIT

COMAP
AMF25



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

MODBUS and SNMP communication protocols support

Advanced PLC configurability

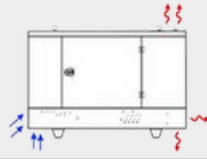
OPTIONAL ELECTRONIC CONTROL UNIT



DEEP SEA DSE7320 MKII

SOUNDPROOF AND WEATHERPROOF CANOPY



Self-supporting frame material	Carbon steel sheet, electro-welded, minimum thickness 2,5 mm
Soundproof canopy material	Carbon steel sheet, electro-welded, thickness between 1,5 and 4,5 mm
Painting	Epoxy powder RAL 5015 textured, outdoor-proof
In-built fuel tank	100 lt + Drip tray
Soundproofing coating material	Polyurethane finished with water-repellent and ant-oil fabric. Fire resistance EN13501-1 class B
Muffler	In-built the canopy. Residential type with sound reduction 35 dB(A)
Access openings	n.2 doors with key lock
Electric panel	Short side position. Dedicated protective door with padlockable lock and porthole (only GS with automatic panel)
Fresh air intake and hot air expulsion	
Lifting system	n.4 lifting hooks
Support feet	n.4 support feet with holes for machine ground fastening

CONTAINER TRANSPORTABILITY ADVANTAGES

VERSION	20' BOX	40' BOX	40' HC
 N. transportable pieces	6	13	13
	6	13	26

MAIN OPTIONS



90A automatic transfer switch (ATS)



200 lt bigger fuel tank with drip tray



750W engine preheating system



Automatic fuel transfer kit with manual by-pass system



Residual current circuit breaker



Electric fuel float to check the fuel level from the electronic control unit



Engine oil pressure and cooling water temperature measuring instruments

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 tank

Slow or fast towing trailer

Front hot air expulsion canopy

Further colors

SPECIAL VERSIONS - ALTERNATIVE OPTIONS

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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